

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.





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United States  
Department of  
Agriculture

Forest Service

Tongass  
National  
Forest  
R10-MB-196

October 1992



# CENTRAL PRINCE OF WALES

## DRAFT ENVIRONMENTAL IMPACT STATEMENT

Ketchikan Pulp Company  
Long-Term Timber Sale Contract  
Volume II: Unit Cards (Appx. D)





## APPENDIX D

### UNIT CARDS

Unit cards have been developed for each harvest unit and associated road proposed for the Central Prince of Wales (CPOW) Draft Environmental Impact Statement (EIS). These cards are intended to display site-specific information, enabling the public to more fully understand harvest implications. They also serve as a mechanism to pass on information gathered during office reconnaissance of the proposed harvest units to Forest Service field personnel, as well as to provide a vehicle for field recon observations to be routed back to the Interdisciplinary Team (IDT) for consideration in preparation of the Final EIS.

The Unit Cards consist of two parts: (1) a schematic map, and (2) a detailed description of the unit. The map displays the proposed unit and associated roads in the center of the page. Other features shown include: streamcourses, existing roads, previously harvested areas, contour lines, lakes, saltwater, and eagle nests.

The reverse side of the card provides a physical description of the unit, as well as identification of resource concerns which must be considered during implementation of harvest. The physical description includes the location, planned acreage, estimated sawlog plus utility volume, silvicultural system, predominant forest type, aspect, and a breakdown by volume class, elevation range, and soil mass movement index. Resource considerations are identified for soils, timber, engineering, fisheries/watersheds, wildlife, recreation, visuals, lands, cultural resources, and geology.

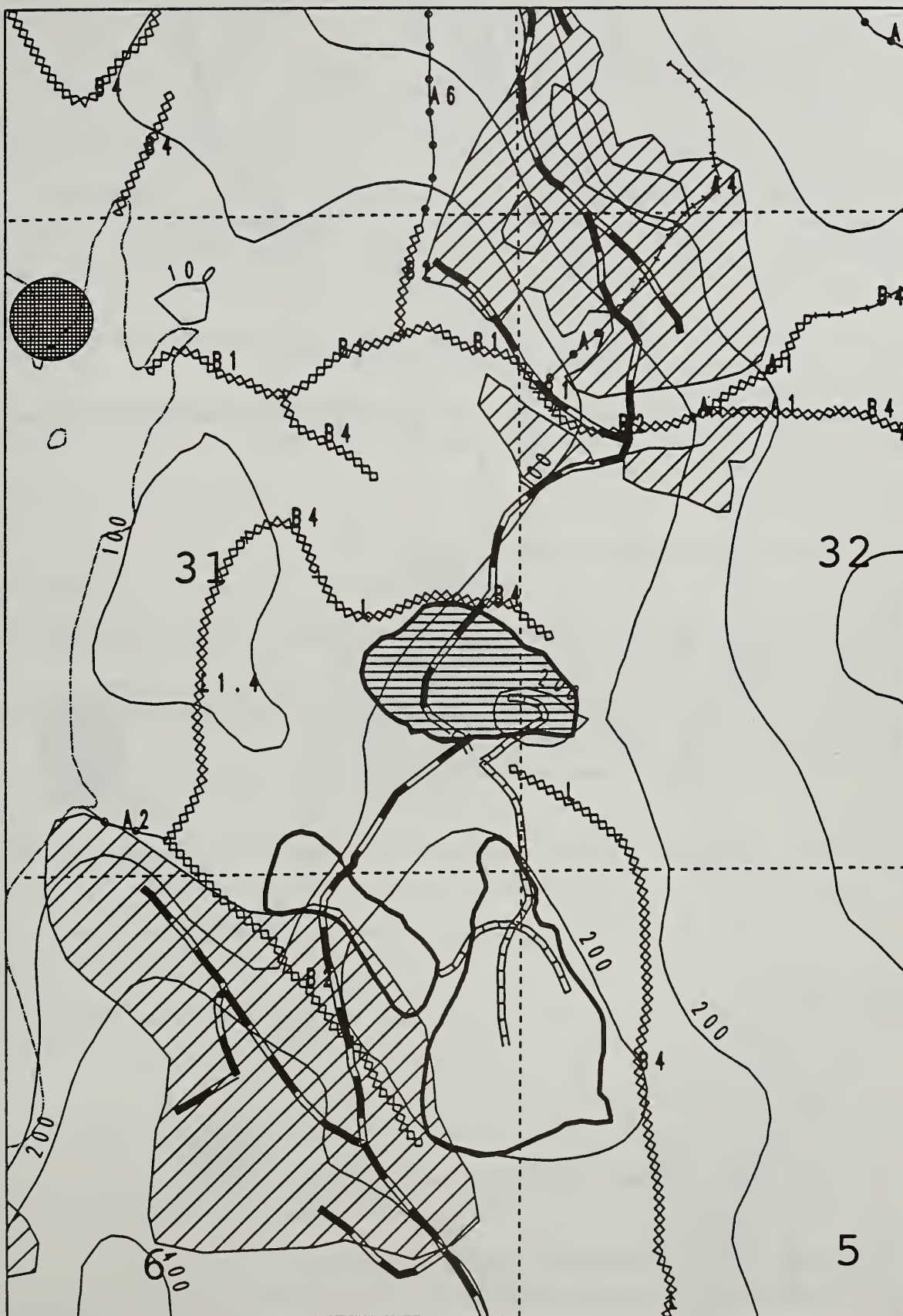
Based on field reconnaissance which was initiated in summer 1992 and is ongoing, these unit cards will be made more site specific and presented as part of the Final EIS and the Record of Decision (ROD).

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SCALE 1:15840

# UNIT 549.2-201



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- EXISTING ROADS
- ..... ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- ..... EAGLE NEST
- ..... PRIOR HARVEST
- ..... WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>549.2-201</u>	Alternatives considered <u>5</u>
Planned acres <u>31</u>	Quad <u>PBGA4SWS</u>
Estimated volume (mbf) <u>561</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1527</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990108</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 28 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 0 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 11 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can  
not be surveyed, may need to revise logging system to helicopter.

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

The road into this unit crosses a B4 channel. Meet stream and lake protection prescription requirements in TLMP  
Draft Revision (1991a) for this process group.

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

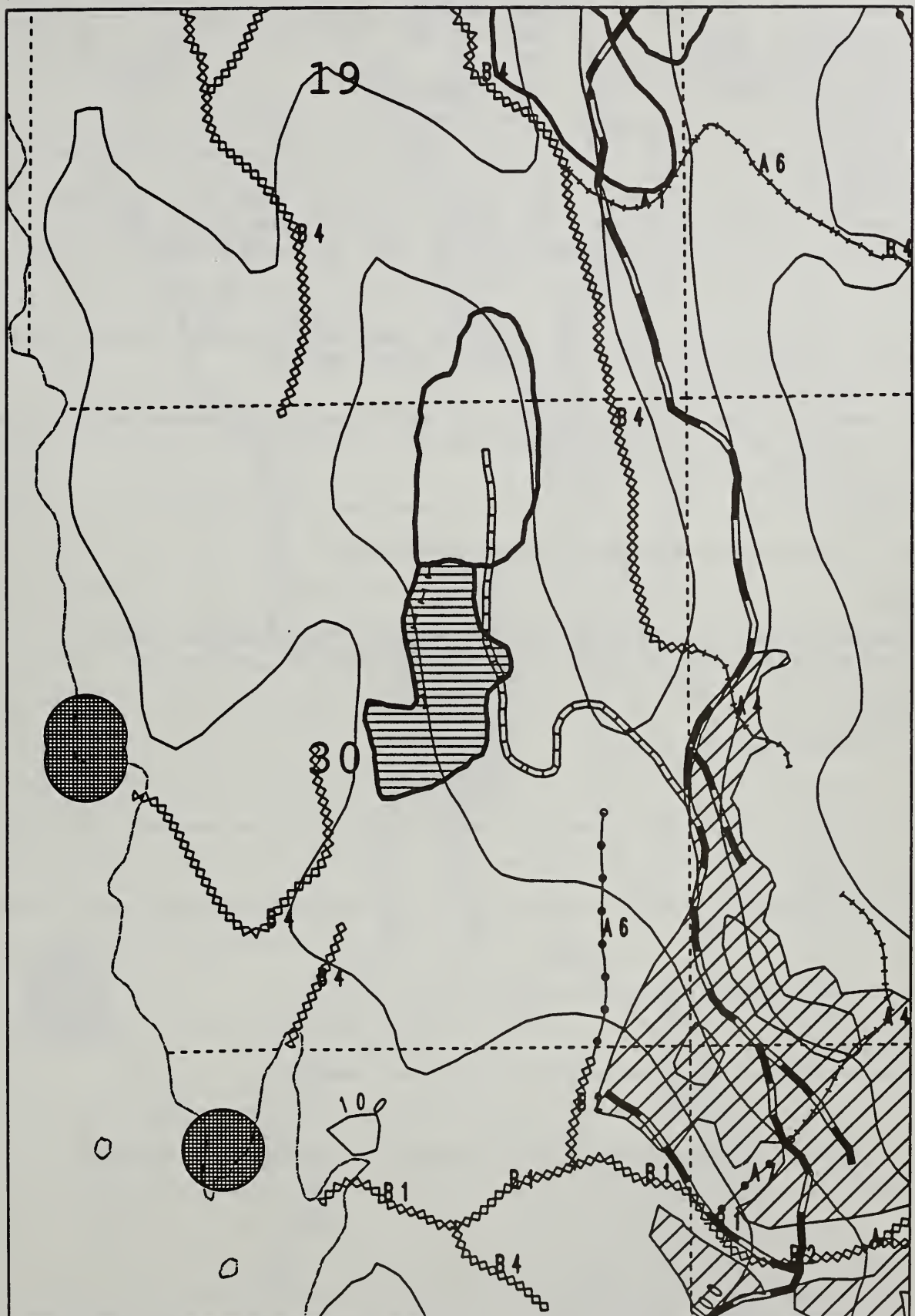
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 549.2-205



- |             |                              |
|-------------|------------------------------|
| — — — — —   | UNCLASS. STREAM WITHIN UNITS |
| ◇ ◇ ◇ ◇ ◇   | CLASS 1 STREAM               |
| ● — ● — ● — | CLASS 2 STREAM               |
| — × — × — × | CLASS 3 STREAM               |
| —————       | EXISTING ROADS               |
| - - - - -   | ALTERNATIVE ROAD             |
| ~~~~~       | CONTOUR LINE                 |
| - - - - -   | SECTION LINE                 |



- |         |               |
|---------|---------------|
| ▨ ▨ ▨ ▨ | UNIT          |
| ▩ ▩ ▩ ▩ | EAGLE NEST    |
| ▧ ▧ ▧ ▧ | PRIOR HARVEST |
| ▦ ▦ ▦ ▦ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>549.2-205</u>	Alternatives considered <u>3 5</u>
Planned acres <u>29</u>	Quad <u>PBGA4SWS</u>
Estimated volume (mbf) <u>581</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1527</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990109</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 29 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 10 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 11 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 11 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

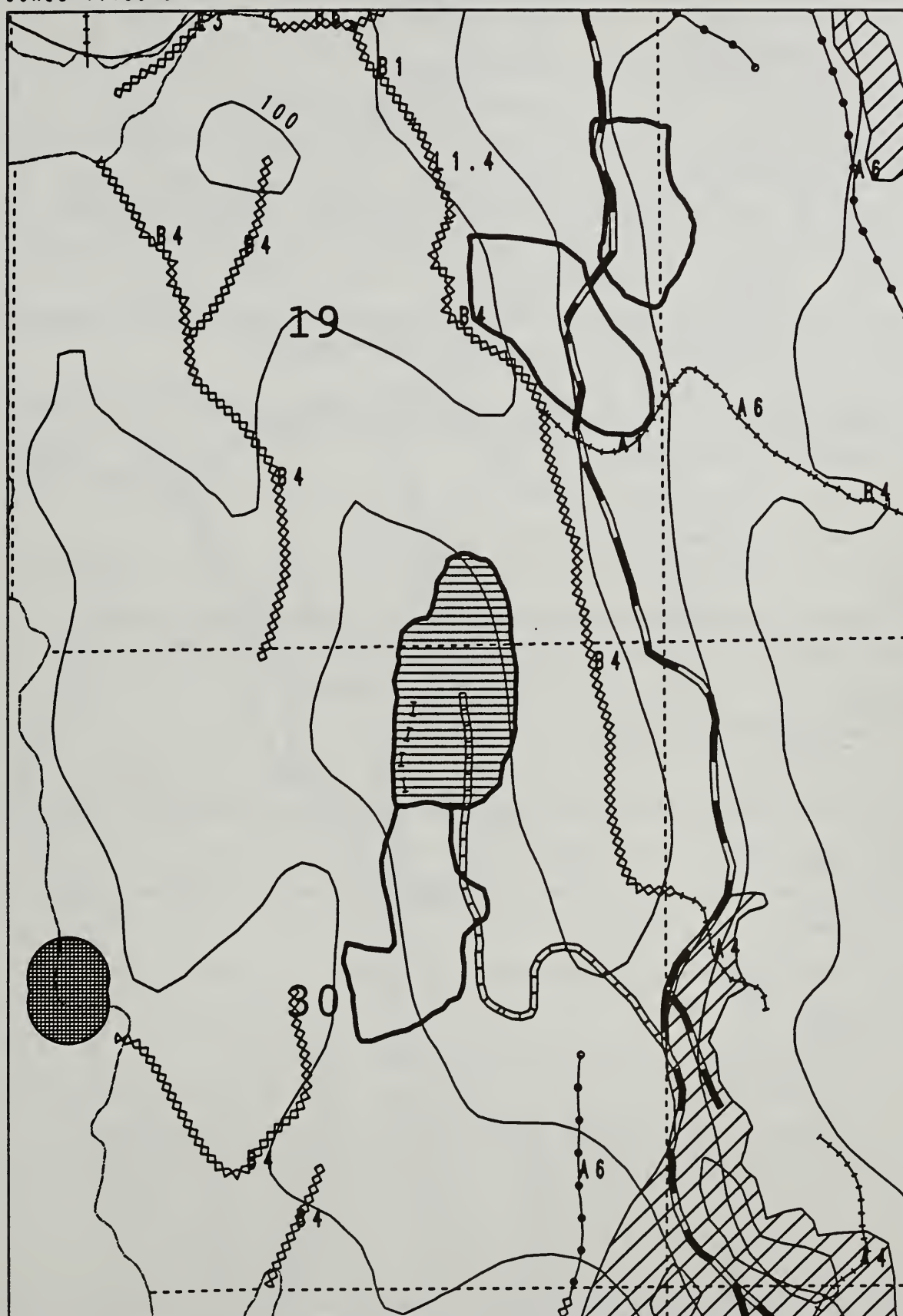
This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

UNIT 549.2-206



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| XXXXXX    | CLASS 1 STREAM               |
| —●—●—●—   | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| =====     | EXISTING ROADS               |
| ====+==== | ALTERNATIVE ROAD             |
| —————     | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |        |               |
|--------|---------------|
| =====  | UNIT          |
| XXXXXX | EAGLE NEST    |
| ////// | PRIOR HARVEST |
|        | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>549.2-206</u>	Alternatives considered <u>3 5</u>
Planned acres <u>37</u>	Quad <u>PBGA4SWS</u>
Estimated volume (mbf) <u>681</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1527</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990109</u>
Forest type <u>Cedar</u>	Aspect <u>East</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 34 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 37 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 28 acres Medium 0 acres High 9 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 16 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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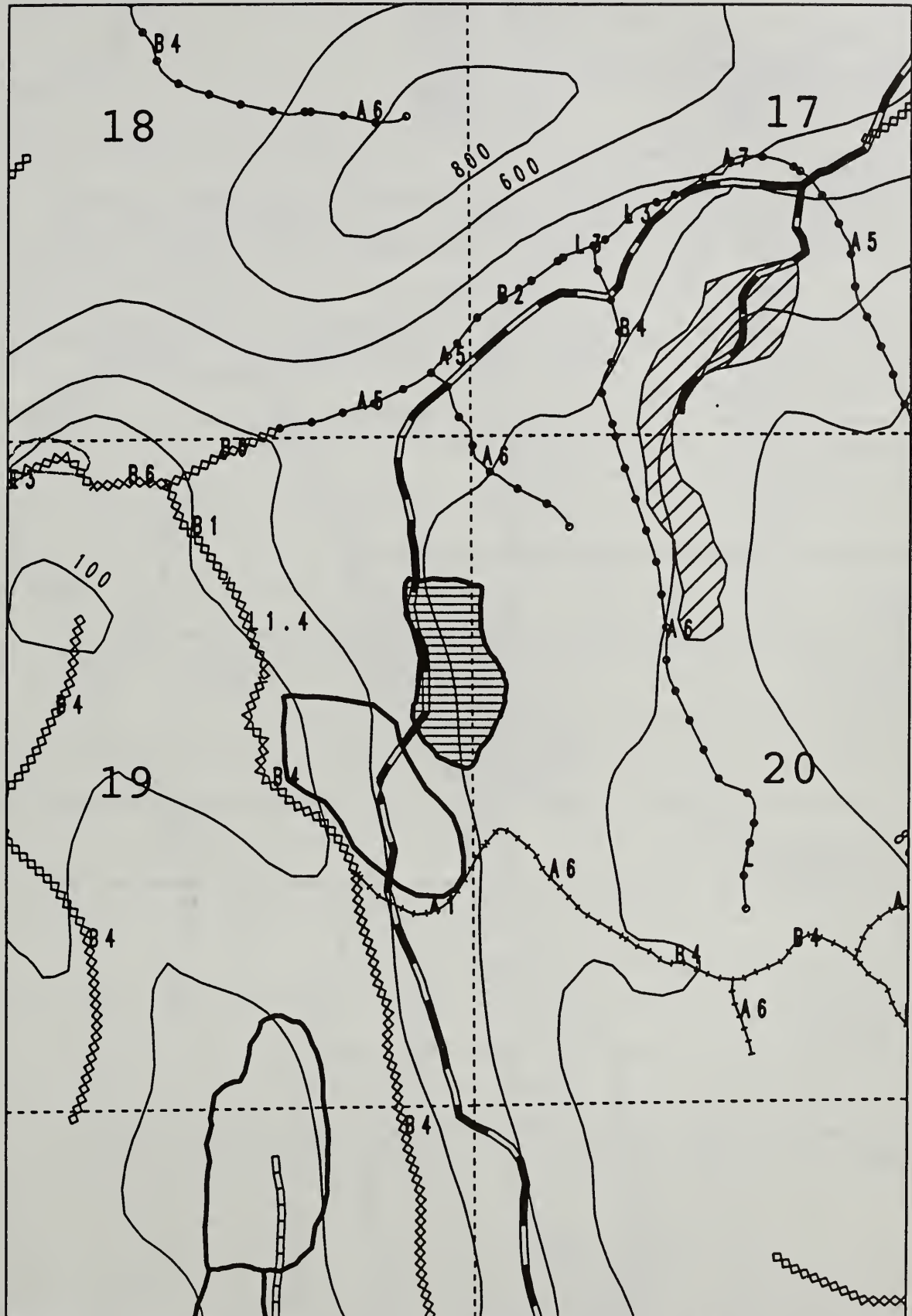
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

UNIT 549.2-207



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ⊗ ⊗ ⊗ ⊗ ⊗     | CLASS 1 STREAM               |
| ● — ● — ● — ● | CLASS 2 STREAM               |
| — — — — —     | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |



- |         |               |
|---------|---------------|
| ▨ ▨ ▨ ▨ | UNIT          |
| ▩ ▩ ▩ ▩ | EAGLE NEST    |
| ▧ ▧ ▧ ▧ | PRIOR HARVEST |
| ▦ ▦ ▦ ▦ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>549.2-207</u>	Alternatives considered <u>5</u>
Planned acres <u>20</u>	Quad <u>PBGA4SWS</u>
Estimated volume (mbf) <u>410</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead downhill</u>	WAA <u>1527</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990110</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 19 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 20 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 3 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit contains 8 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 6 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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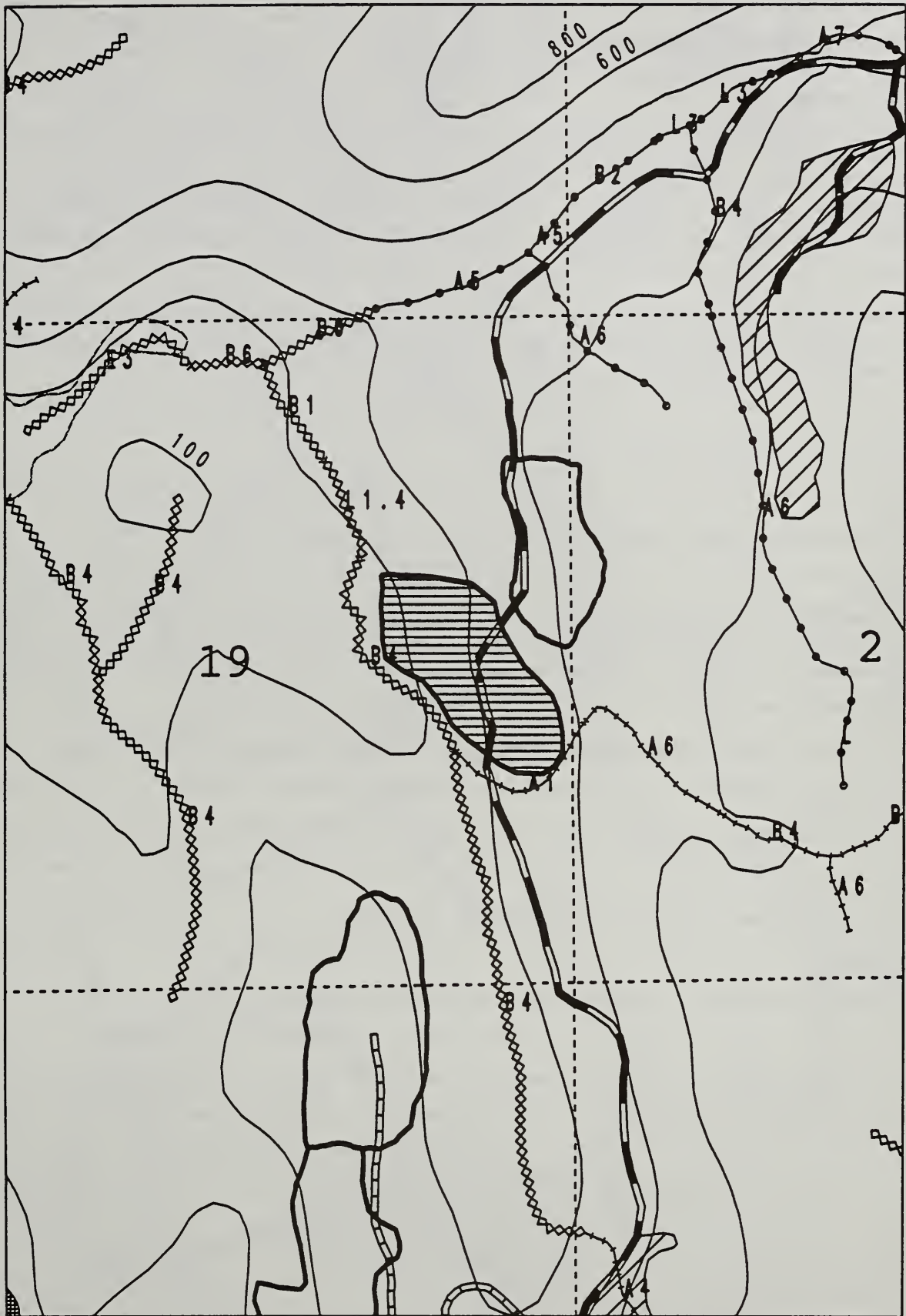
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

UNIT 549.2-230



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ◇ ◇ ◇ ◇ ◇     | CLASS 1 STREAM               |
| ● — — — — ●   | CLASS 2 STREAM               |
| — + — + — + — | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |

NORTH



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>549.2-230</u>	Alternatives considered <u>4</u>
Planned acres <u>31</u>	Quad <u>PBGA4SWS</u>
Estimated volume (mbf) <u>678</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1527</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990111</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 8 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 9 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

Potentially very low volume per acre.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

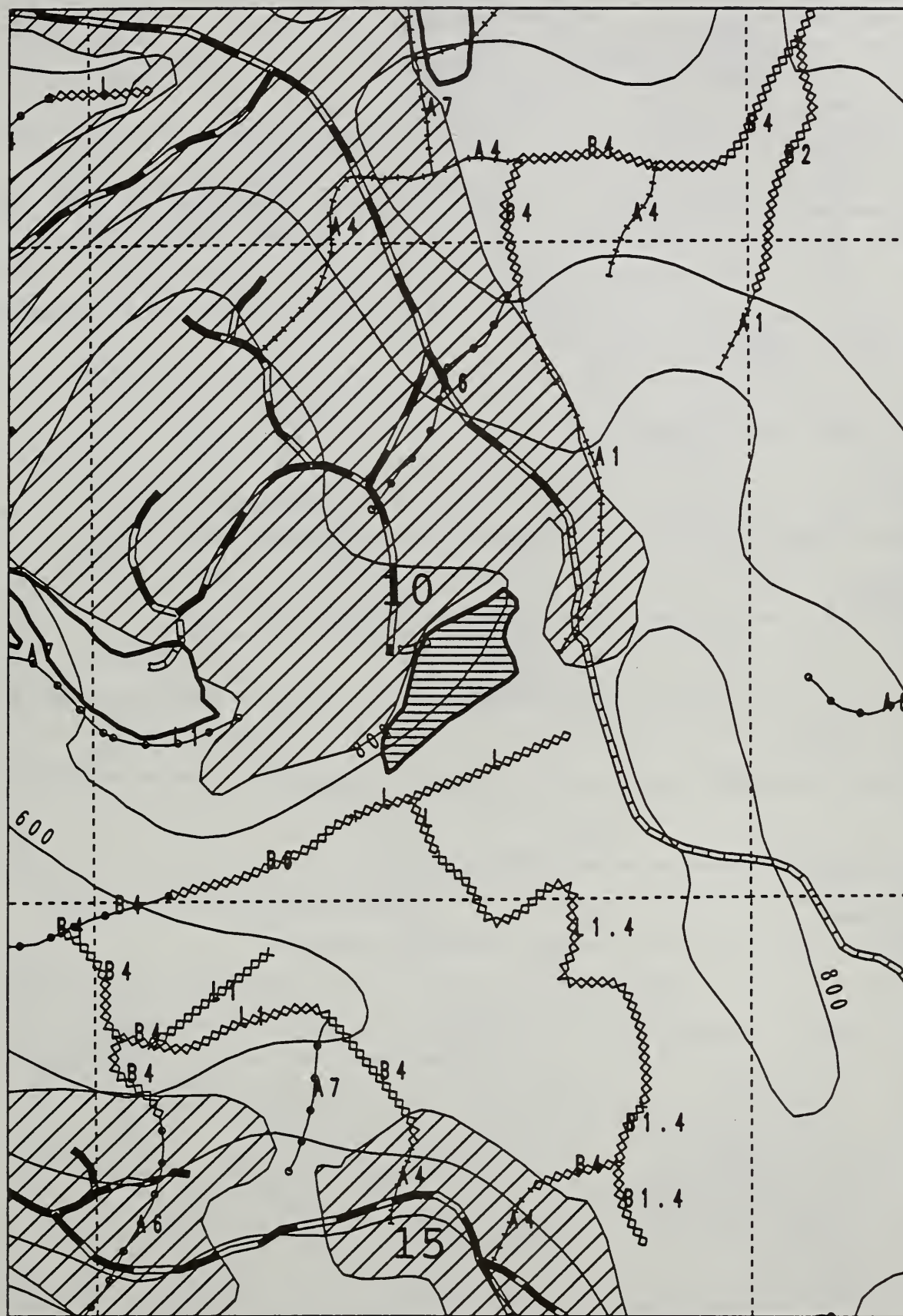
This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

UNIT 550-206



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-206</u>	Alternatives considered <u>4 5</u>
Planned acres <u>16</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>475</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490132</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 16 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 1 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

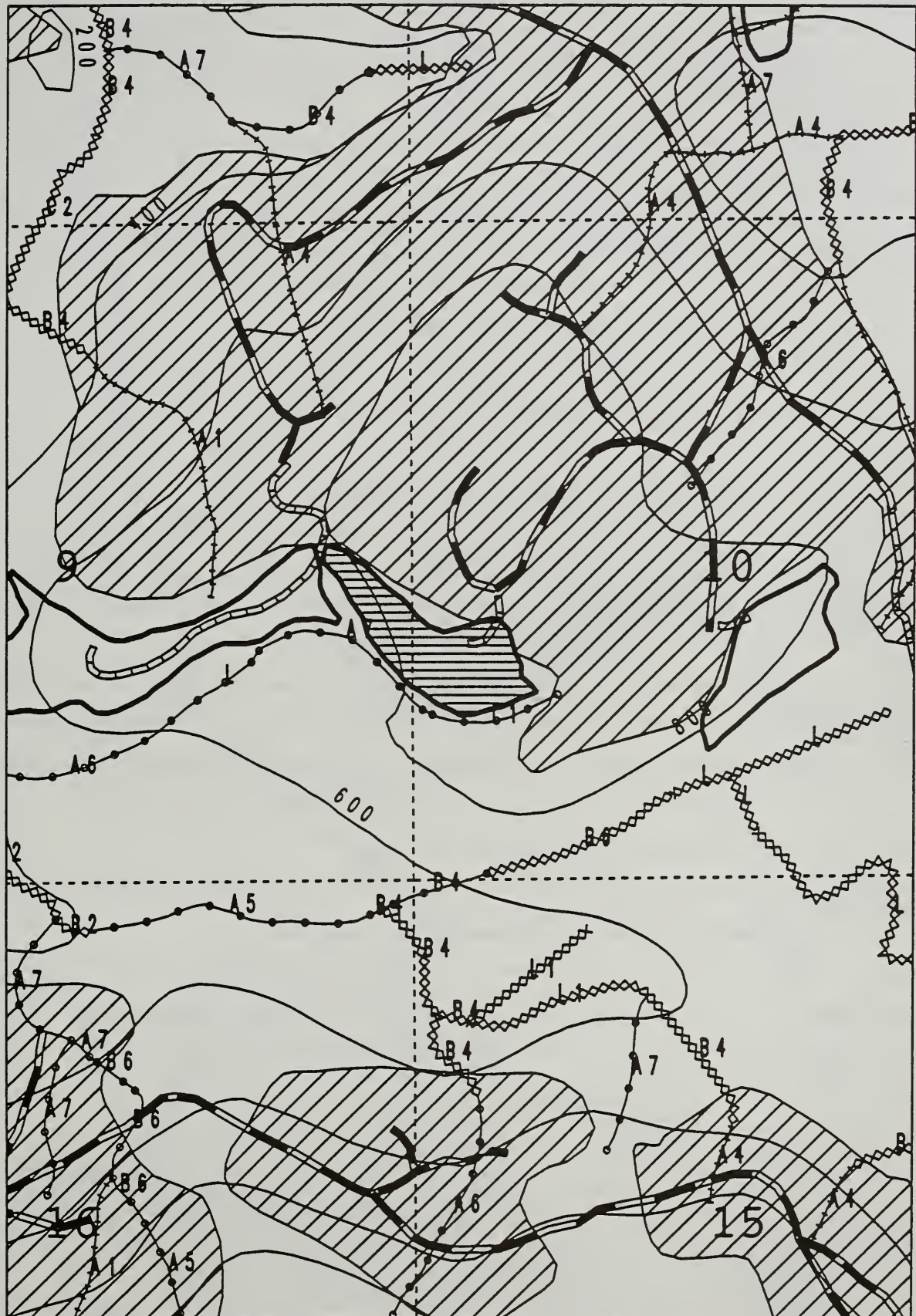
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 550-208



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| ◇◇◇◇◇     | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| ==        | EXISTING ROADS               |
| - - - - - | ALTERNATIVE ROAD             |
| —         | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-208</u>	Alternatives considered <u>5</u>
Planned acres <u>20</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>378</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990024</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 6 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 20 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 1 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

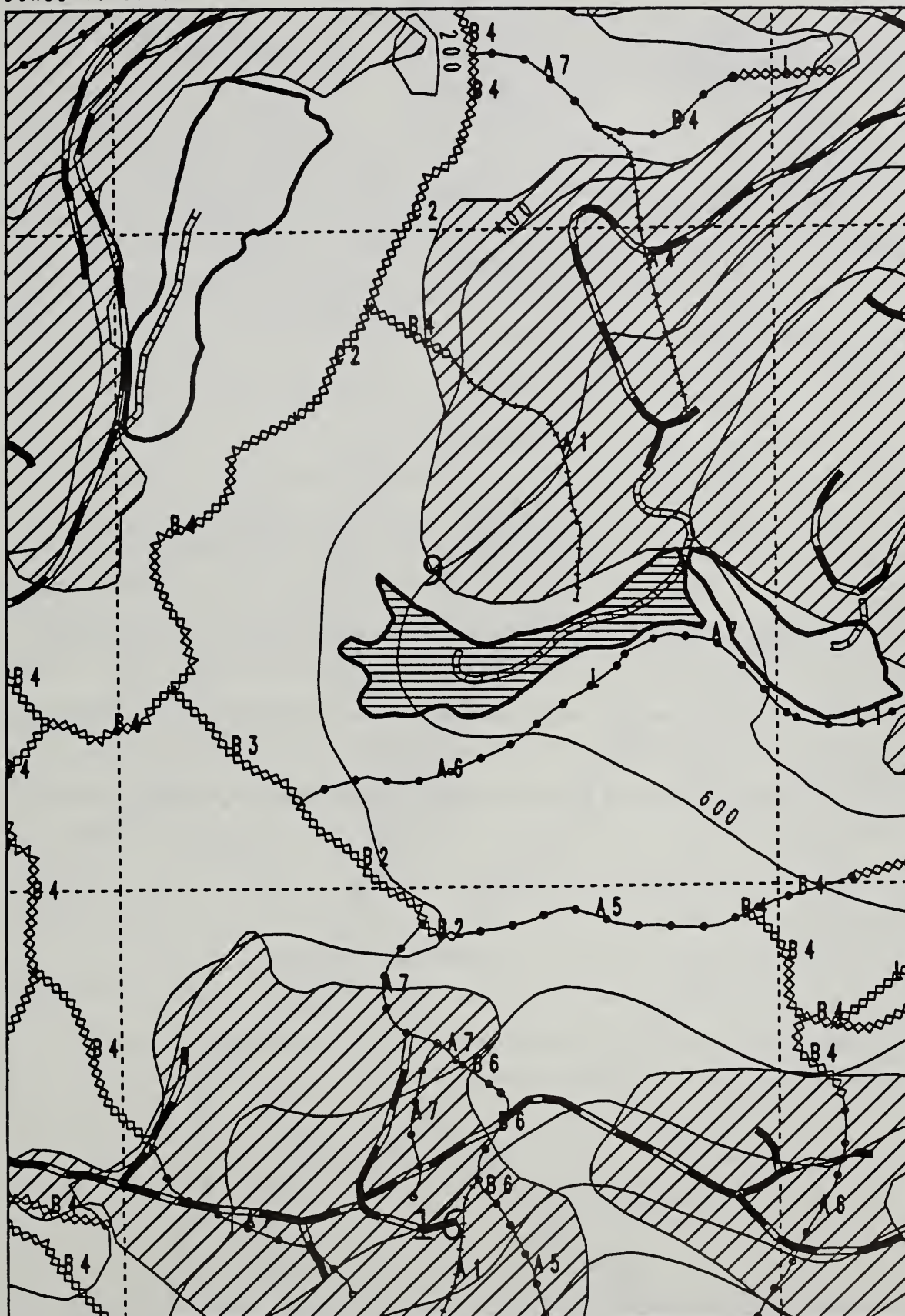
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



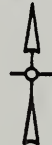
SCALE 1:15840

# UNIT 550-209



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-209</u>	Alternatives considered <u>4</u>
Planned acres <u>34</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>776</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990024</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 18 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 34 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 15 acres High 13 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 13 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

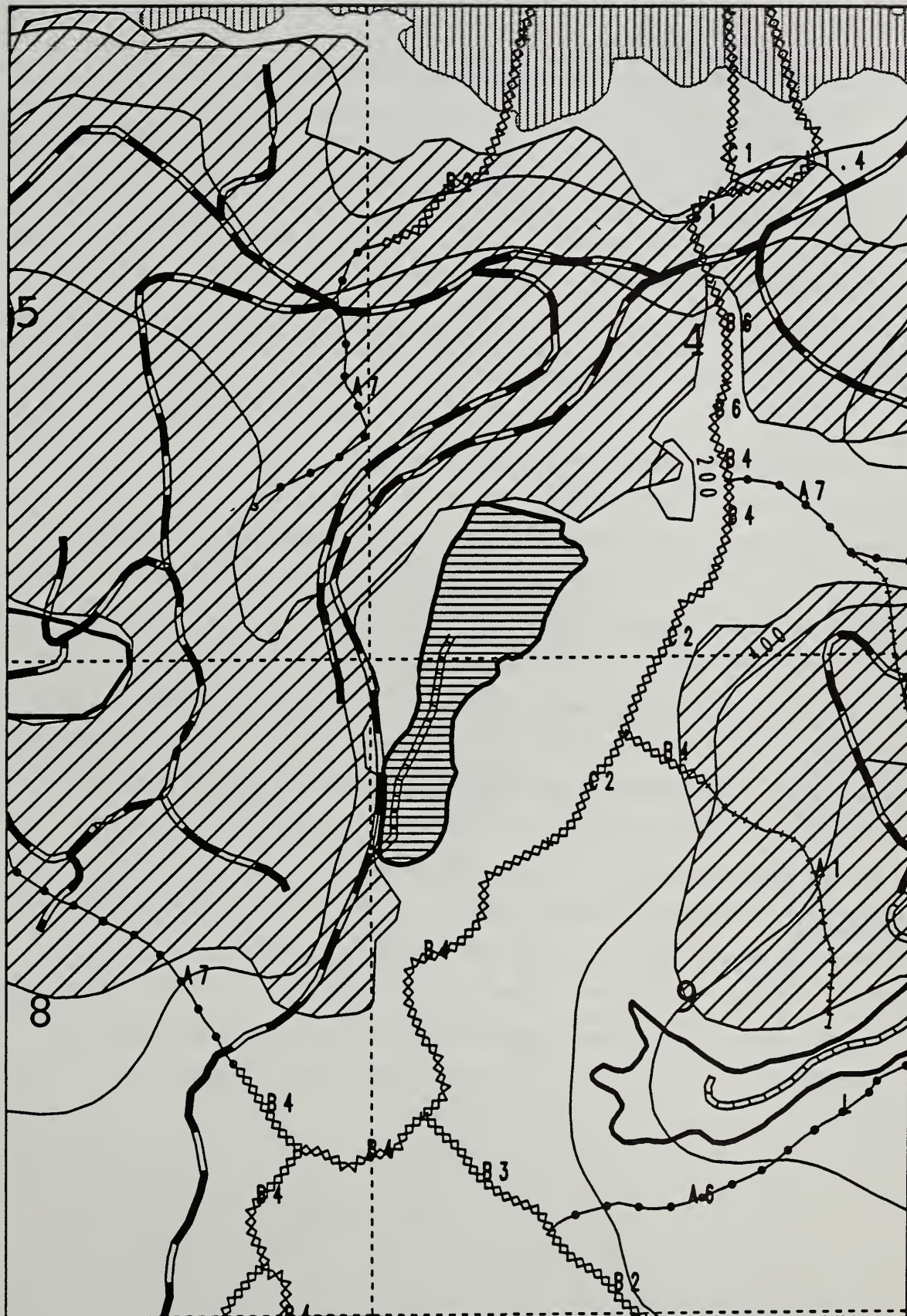
This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

# UNIT 550-211



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-211</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>44</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>976</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990023</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 28 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 38 acres Medium 0 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

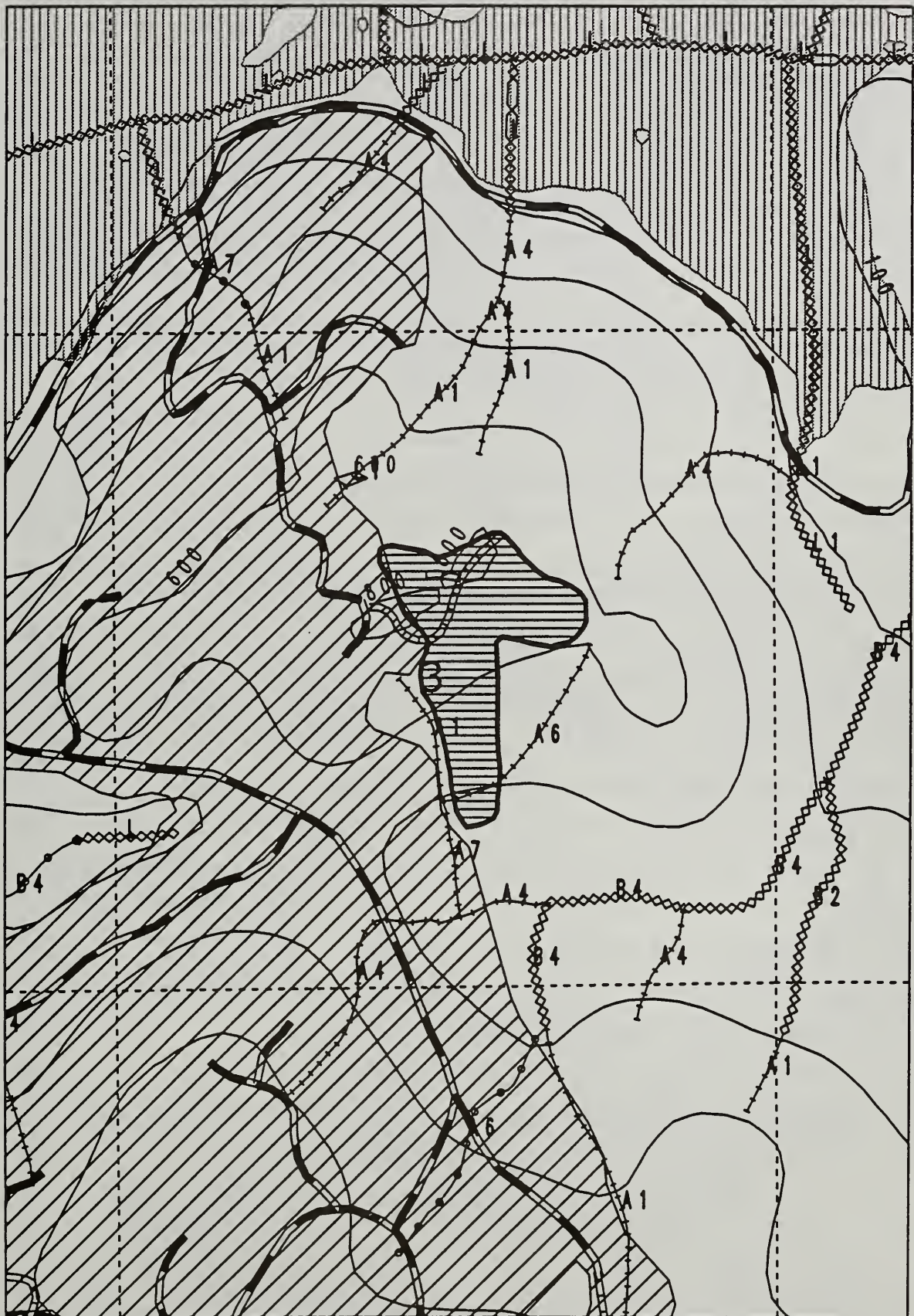
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 550-213



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- == ALTERNATIVE ROAD
- CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-213</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>39</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>847</u>	Mgmt Area <u>K03</u>
Logging system <u>Slackline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490134</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 11 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 39 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 14 acres Medium 0 acres High 25 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 12 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains a A6 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

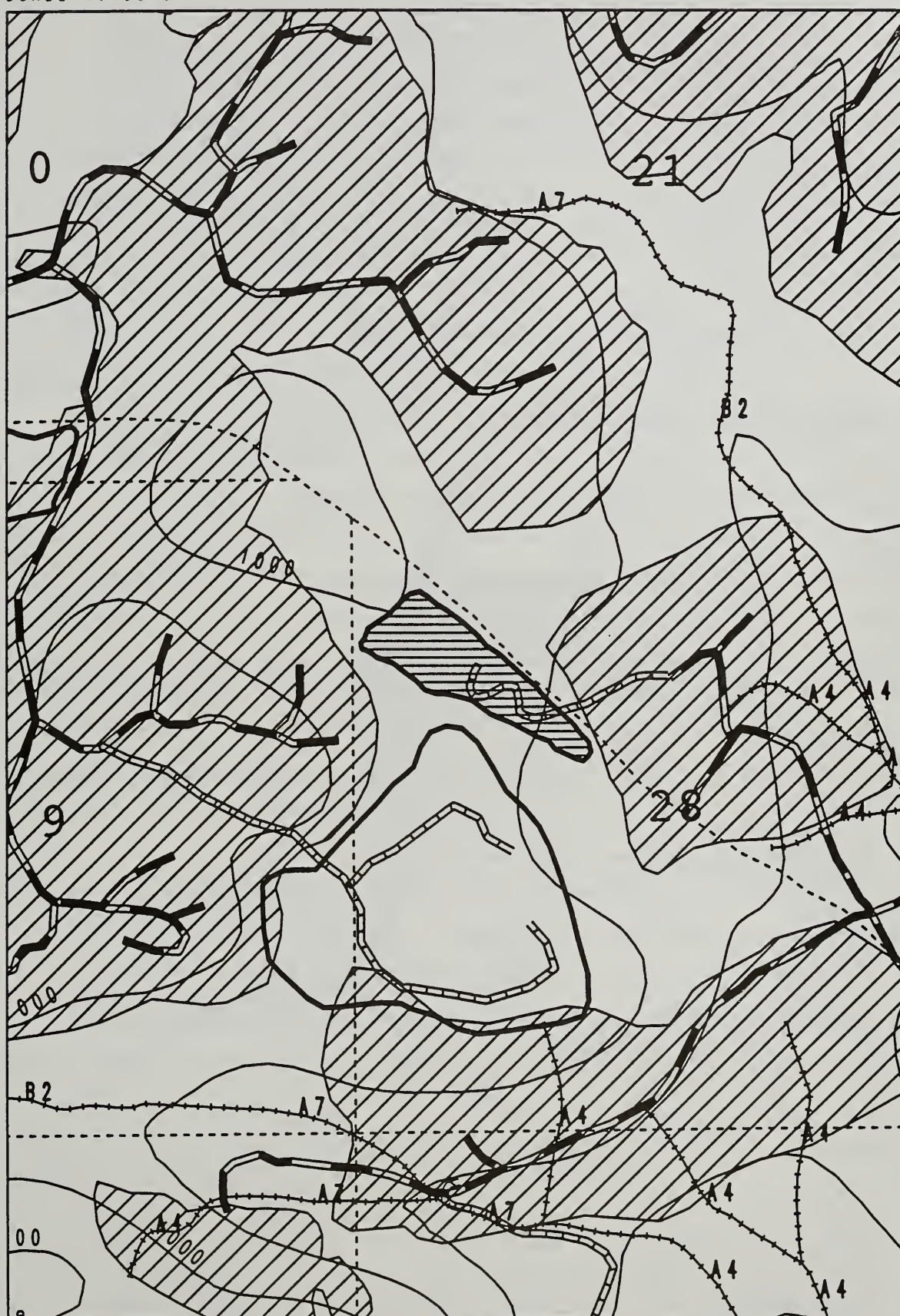
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 550-214



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- — ● CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-214</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>20</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>564</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990019</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 19 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 3 acres 800-1200 ft. 16 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 19 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 550-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-215</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>37</u>	Quad <u>PBGA4NWS</u>
Estimated volume (mbf) <u>1315</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990116</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 37 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 36 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 36 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

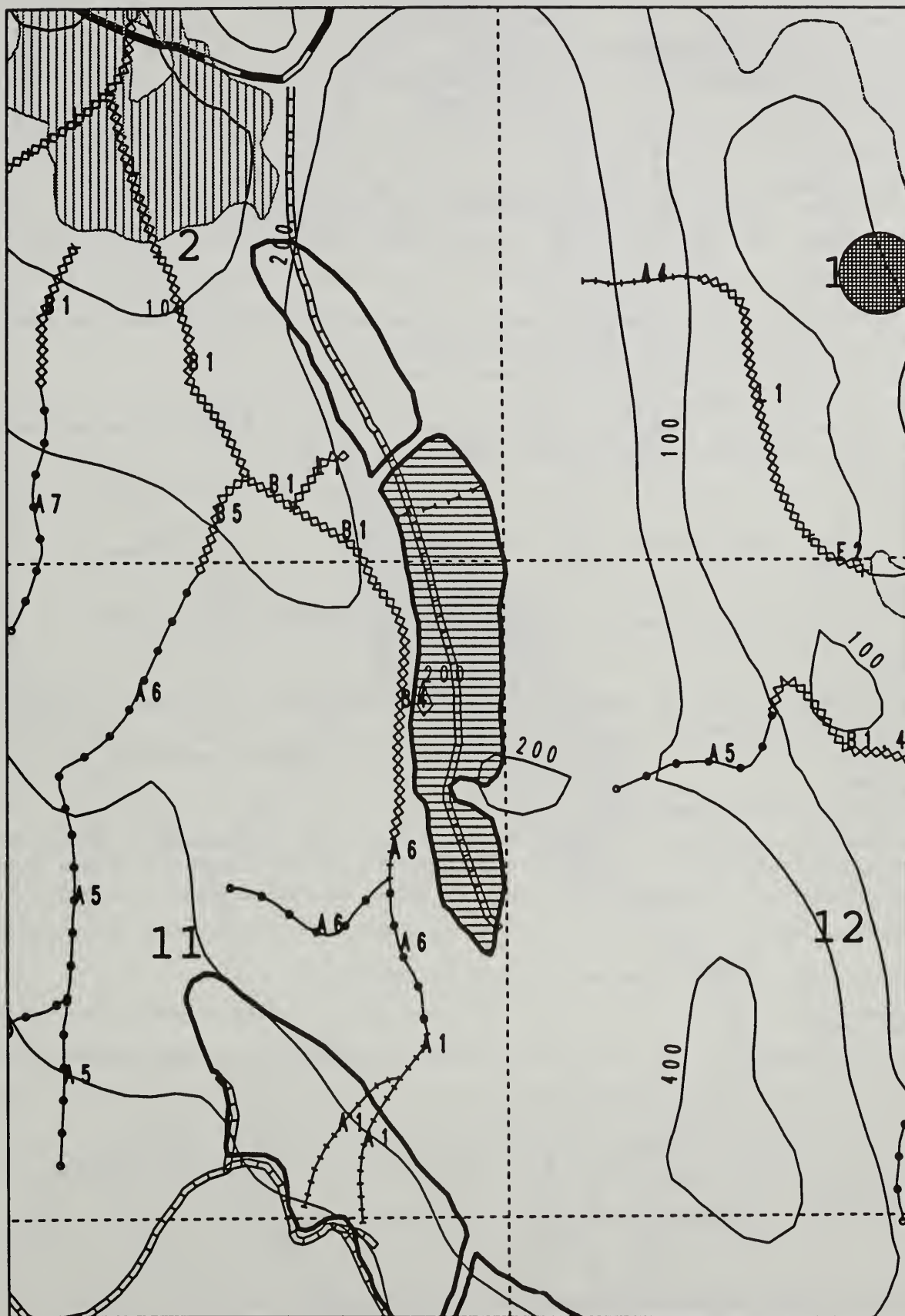
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 550-218



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-218</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>57</u>	Quad <u>PBGA4SEN</u>
Estimated volume (mbf) <u>1264</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490133</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 23 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 57 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 39 acres Medium 0 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has a slight possibility to be reclassified as MMI = 4.

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

This unit contains unclassified streams.

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.

Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

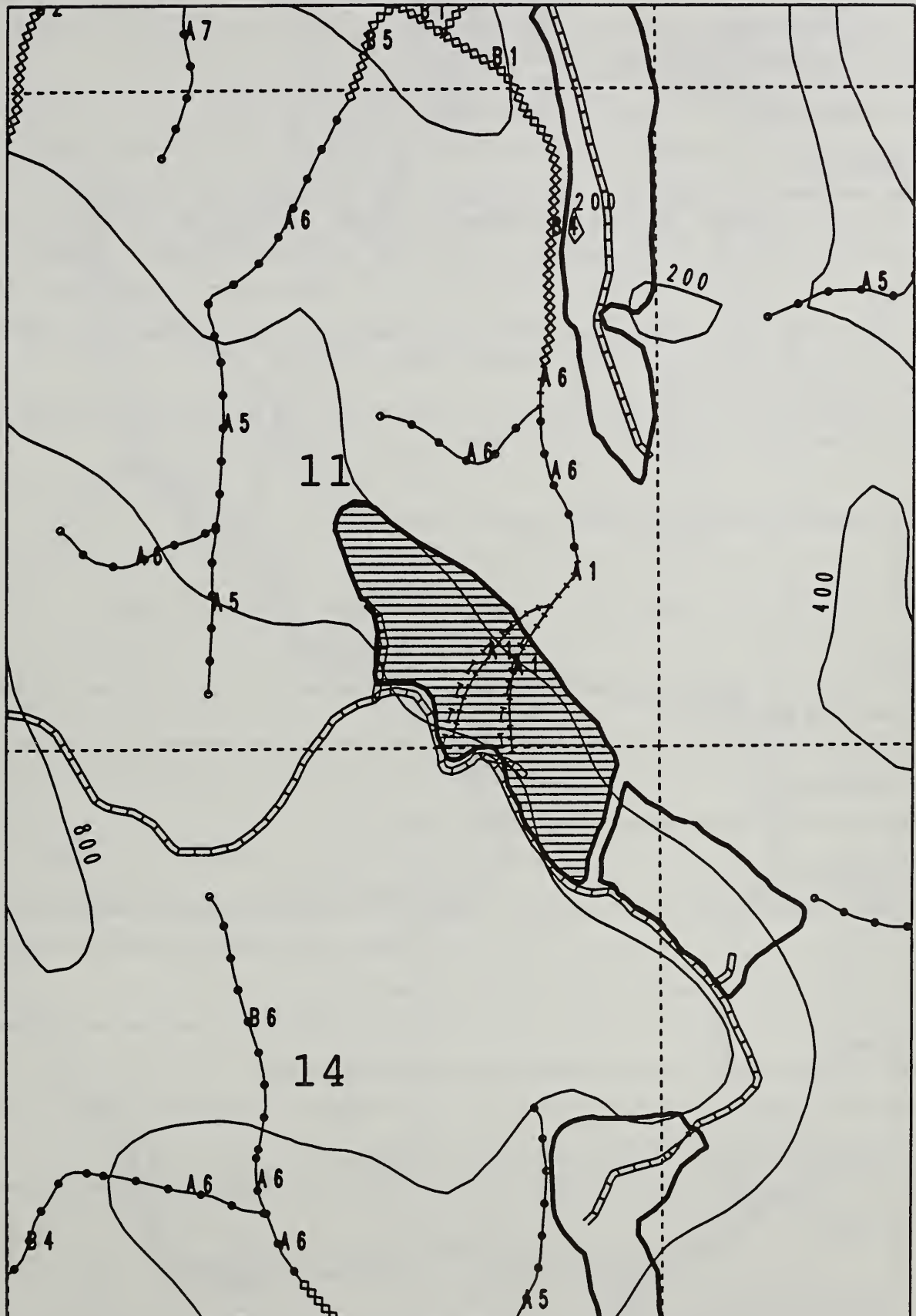
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 550-220



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-220</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>62</u>	Quad <u>PBGA4SEN</u>
Estimated volume (mbf) <u>1578</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490132</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 18 acres VC5 41 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 62 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 0 acres High 44 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 53 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

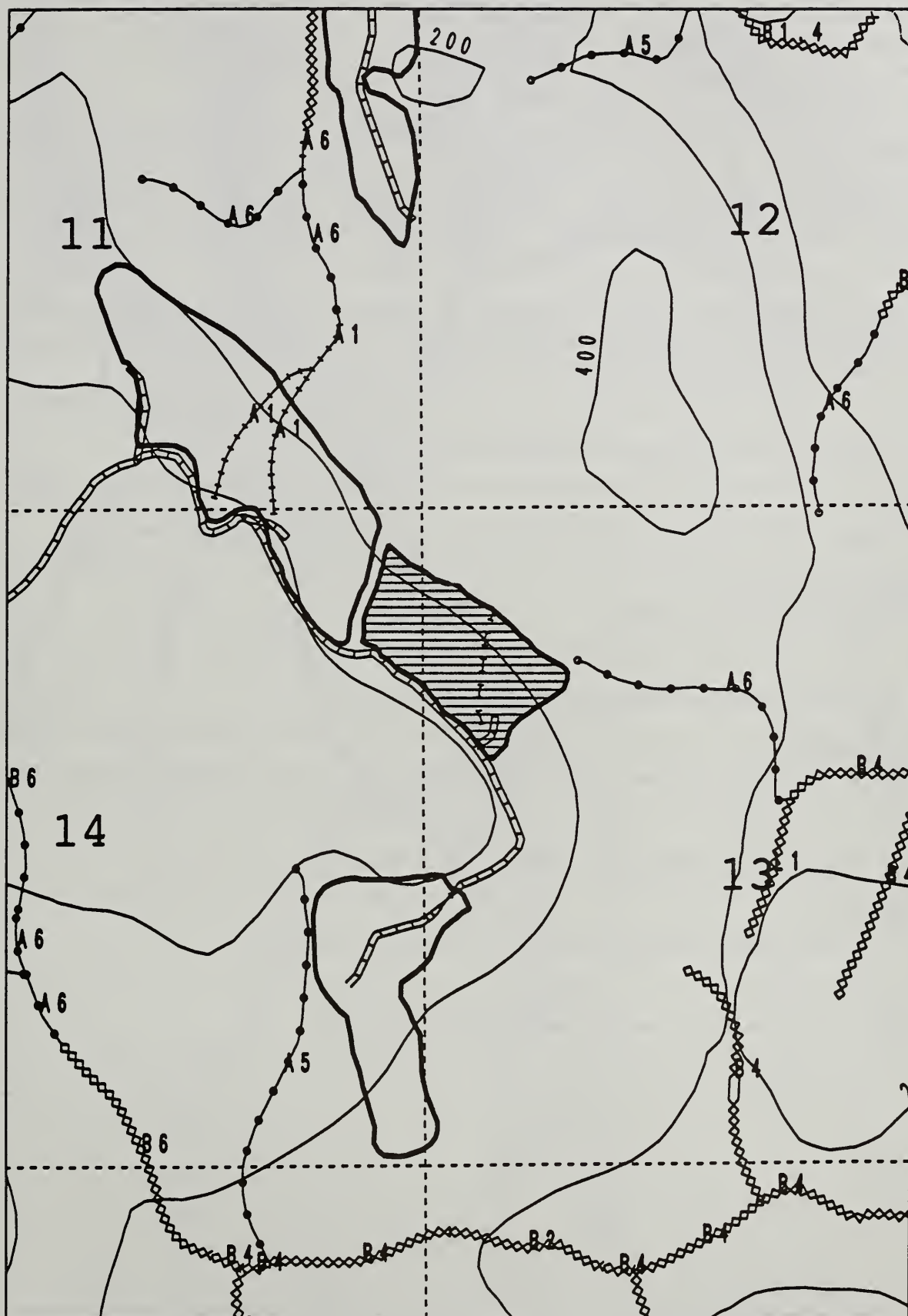
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 550-221



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 550-221

Alternatives considered 2 3 4 5

Planned acres 30

Quad PBGA4SEN

Estimated volume (mbf) 832

Mgmt Area K03

Logging system Small skyline uphill

WAA 1530

Silvicultural system Clearcut

Photo 1290049

Forest type Mixed conifer

Aspect North

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 28 acres VC6 0 acres VC7 0 acres

Elevation breakdown: 0-800 ft. 30 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres

Mass movement index: Low 9 acres Medium 0 acres High 21 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit contains 26 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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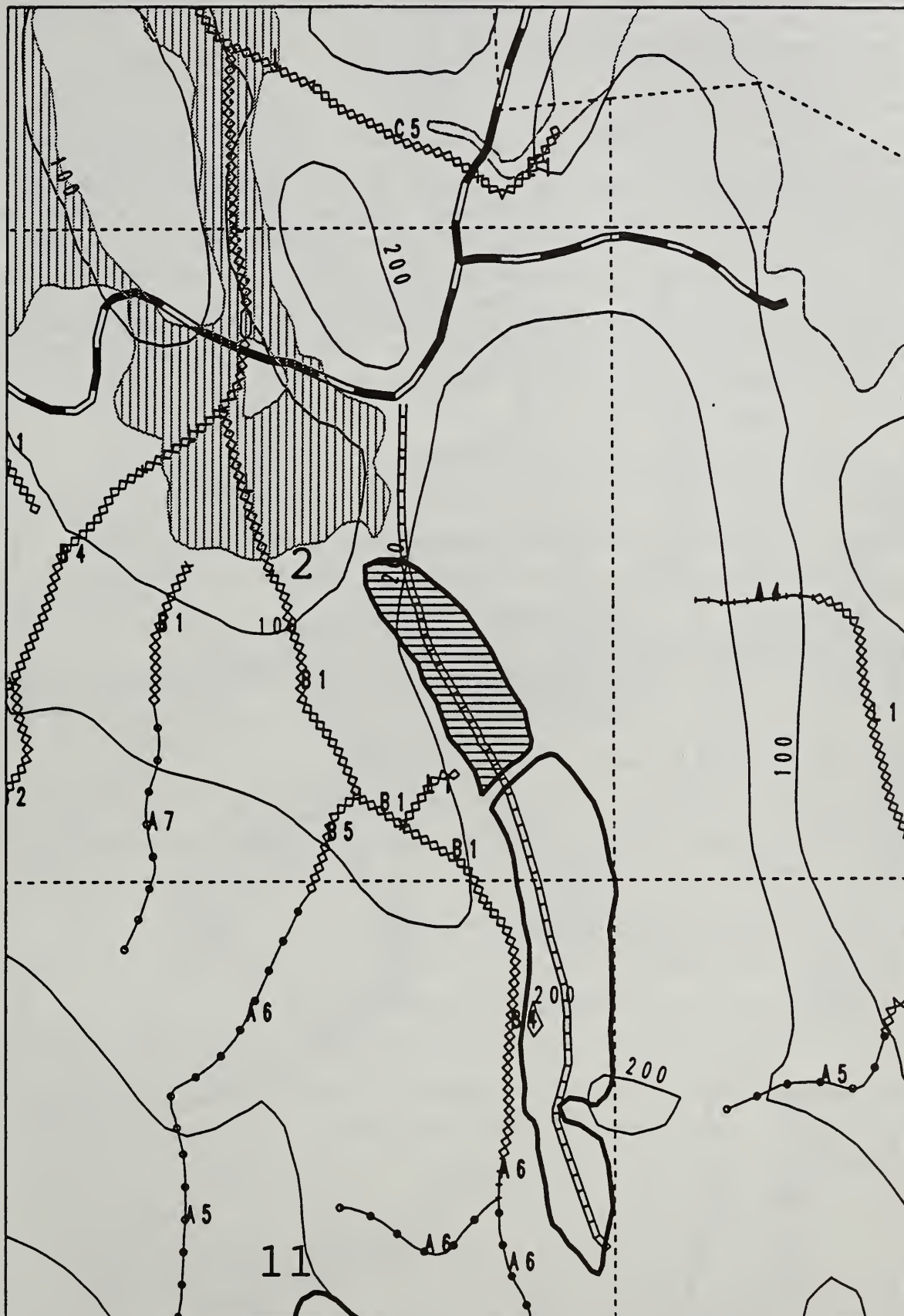
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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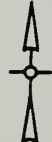
SCALE 1:15840

# UNIT 550-222



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-222</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>24</u>	Quad <u>PBGA4SEN</u>
Estimated volume (mbf) <u>653</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490134</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 22 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 24 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 0 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 21 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

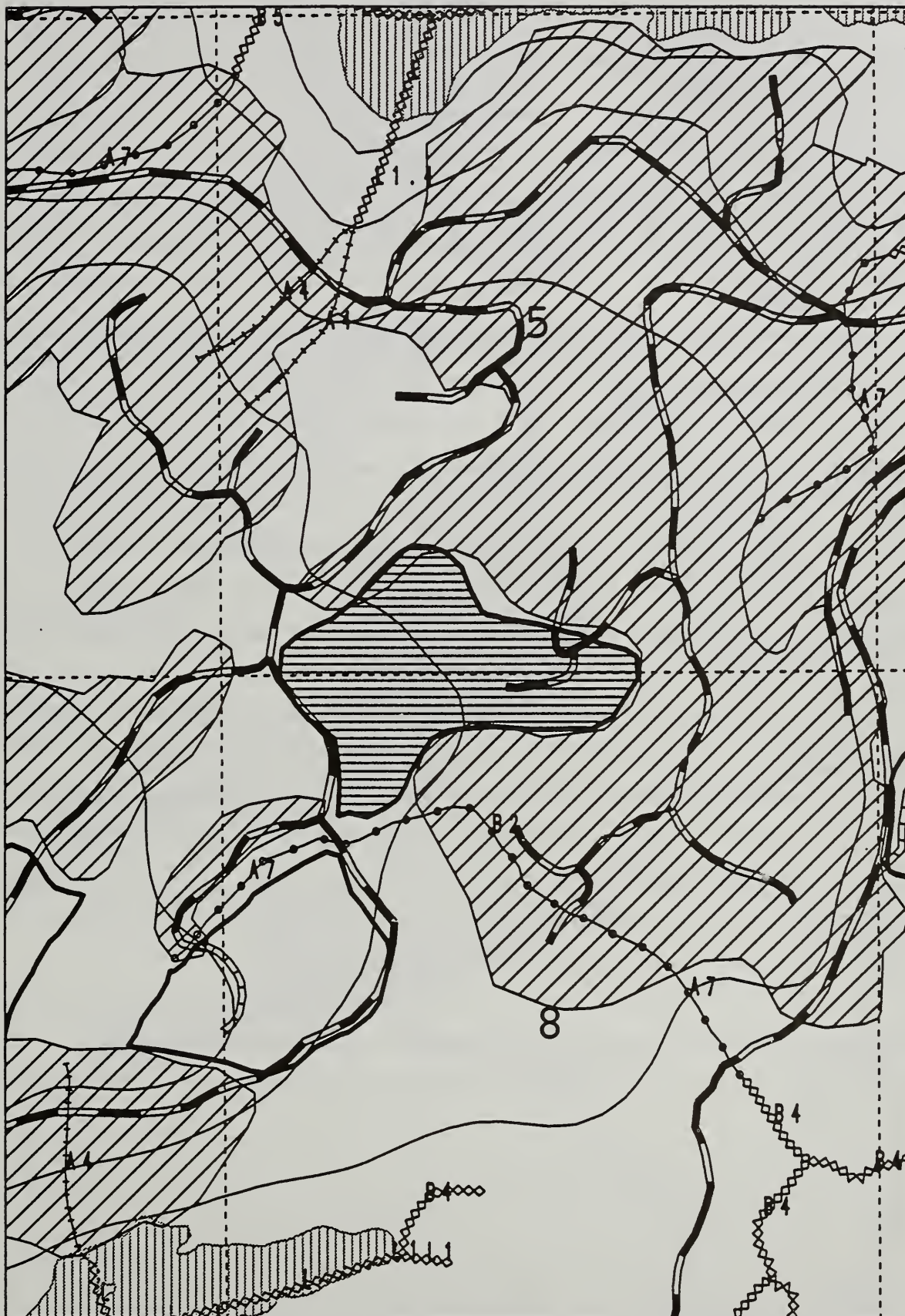
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 550-227



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- == EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-227</u>	Alternatives considered <u>3 4</u>
Planned acres <u>71</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>2299</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990113</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 14 acres VC6 53 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 71 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 41 acres Medium 3 acres High 27 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a B2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

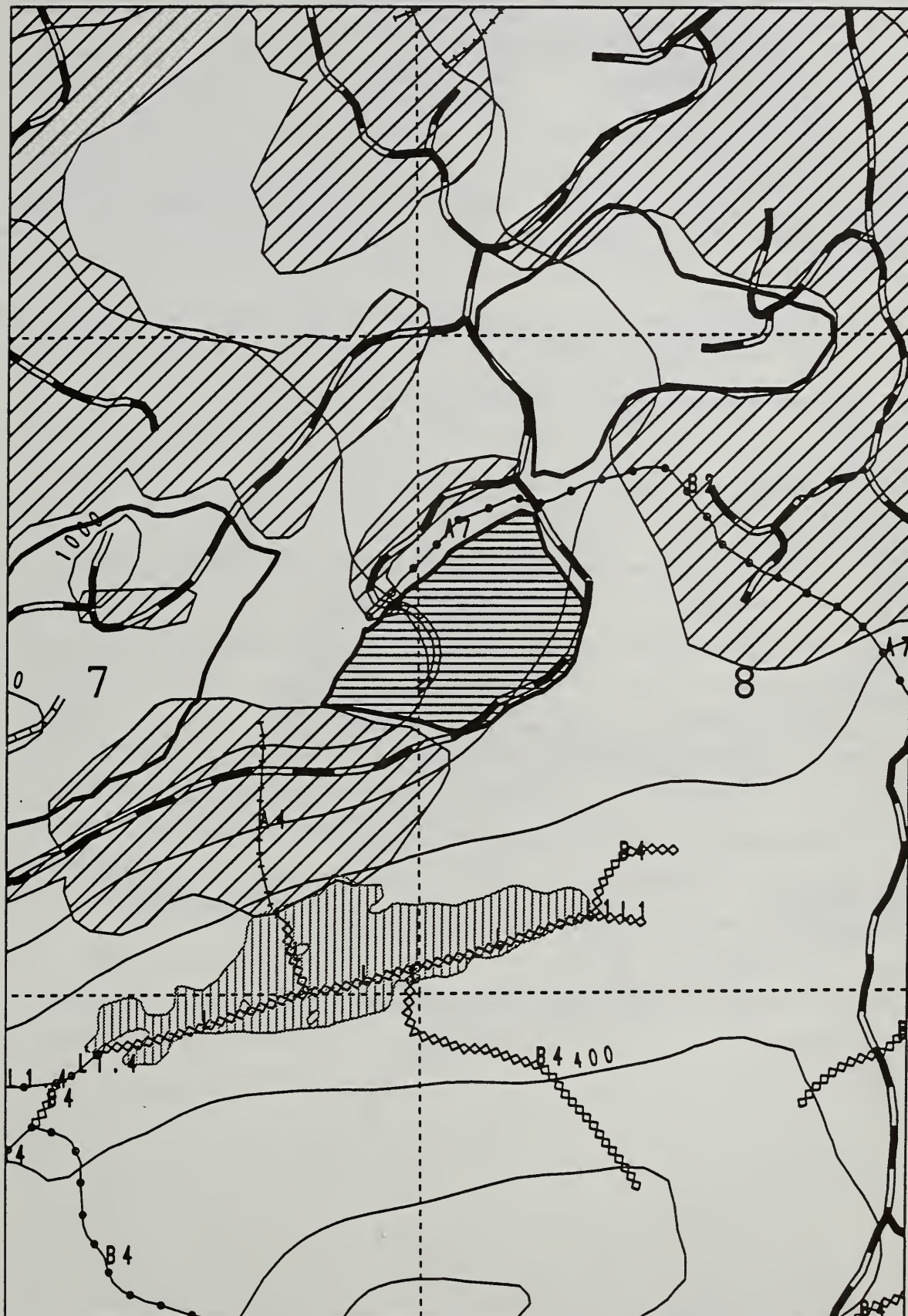
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 550-228



- |             |                              |
|-------------|------------------------------|
| — — — — —   | UNCLASS. STREAM WITHIN UNITS |
| ○ — — — — ○ | CLASS 1 STREAM               |
| ● — — — — ● | CLASS 2 STREAM               |
| — — — — —   | CLASS 3 STREAM               |
| — — — — —   | EXISTING ROADS               |
| — — — — —   | ALTERNATIVE ROAD             |
| — — — — —   | CONTOUR LINE                 |
| - - - - -   | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-228</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>49</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>1665</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990113</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 13 acres VC6 36 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 9 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 35 acres High 5 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

---

RECREATION / VISUALS

The unit has a proposed VQ0 of MM within the viewshed of Sarheen Pass  
as viewed from 1 mile from west coast of Prince of Wales.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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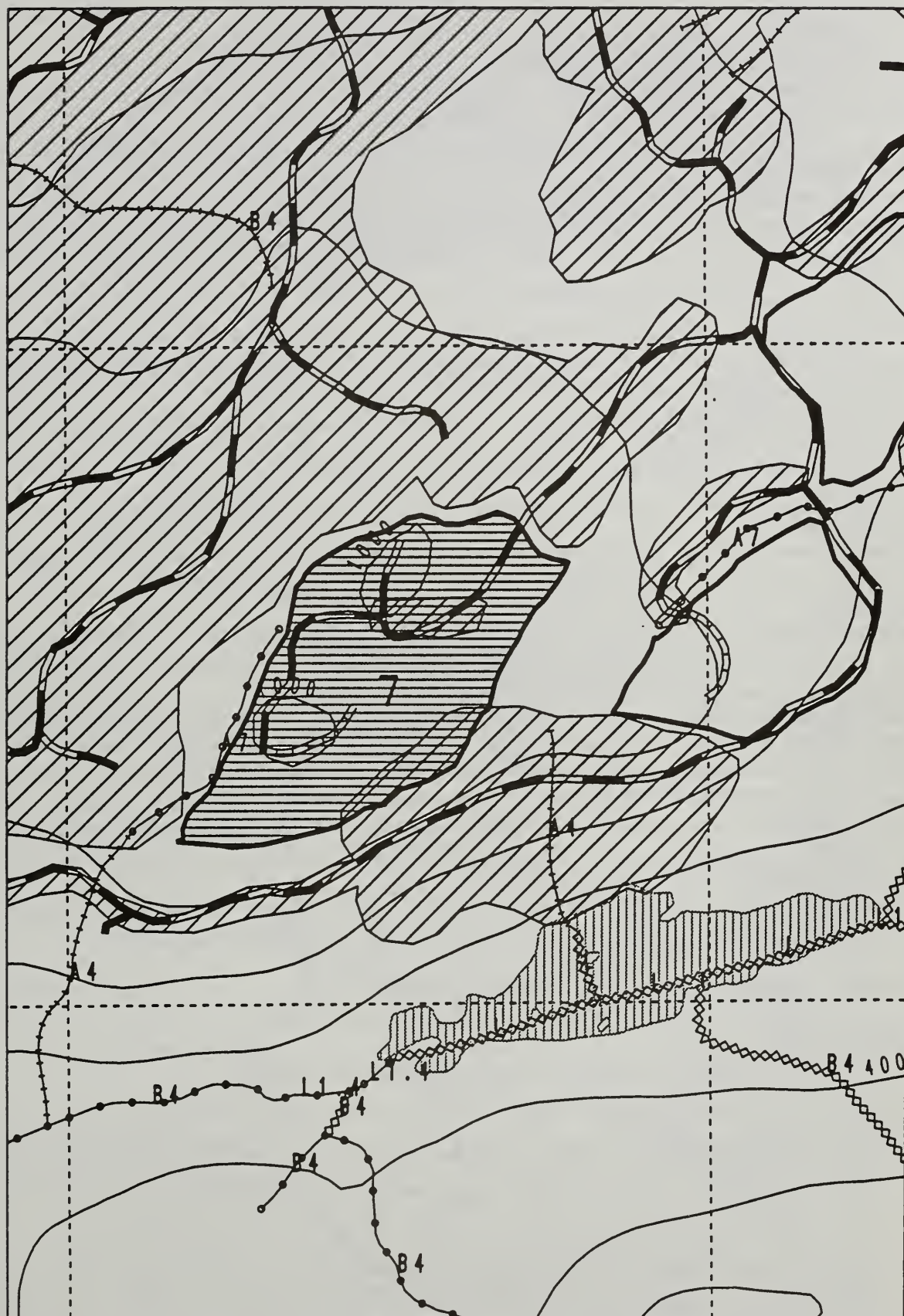
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

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UNIT 550-230



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-230</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>104</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>3374</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990113</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 55 acres VC6 49 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 104 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 57 acres Medium 10 acres High 37 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit. Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions. Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

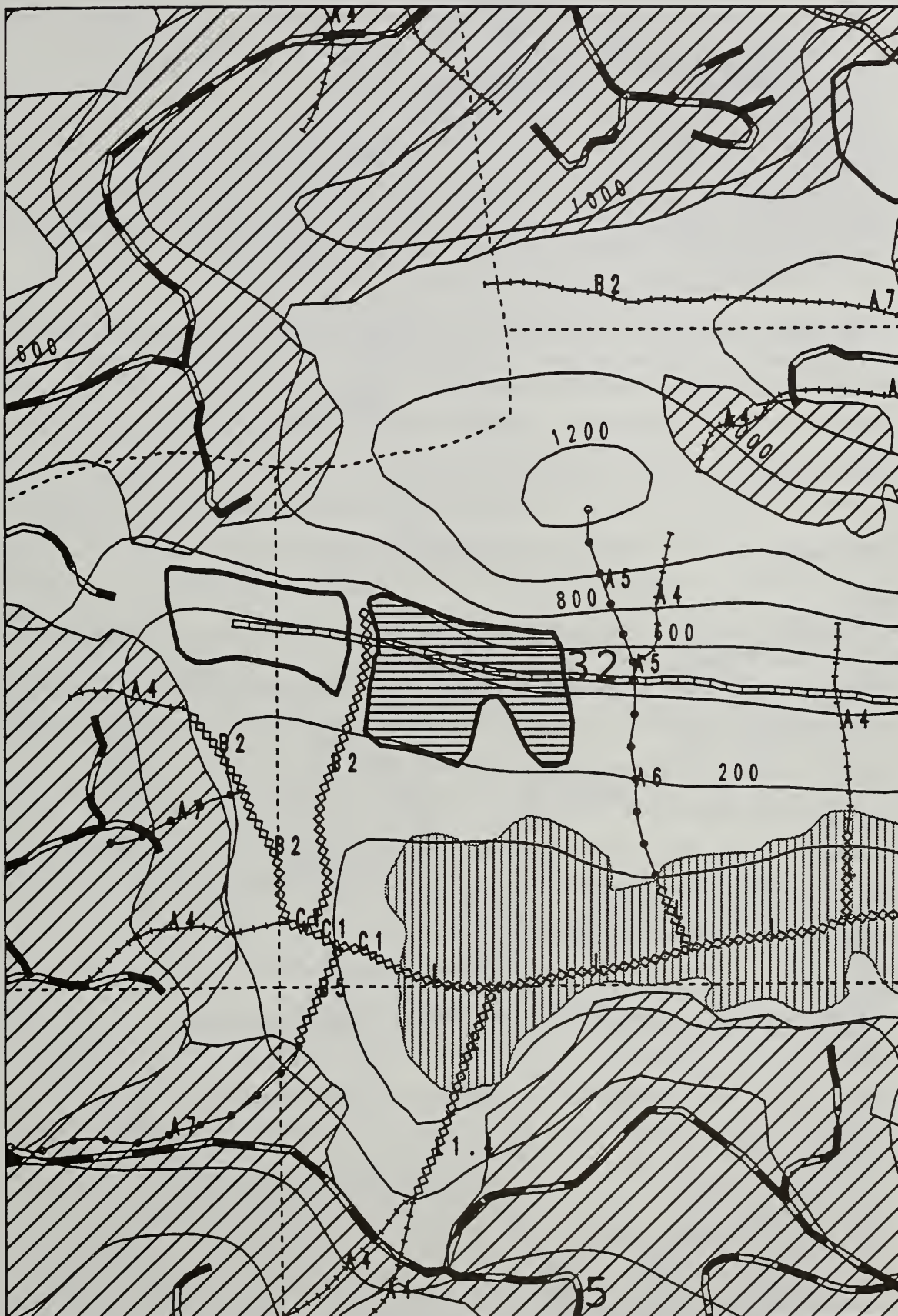
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 550-237



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-237</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>36</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>755</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990115</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 36 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

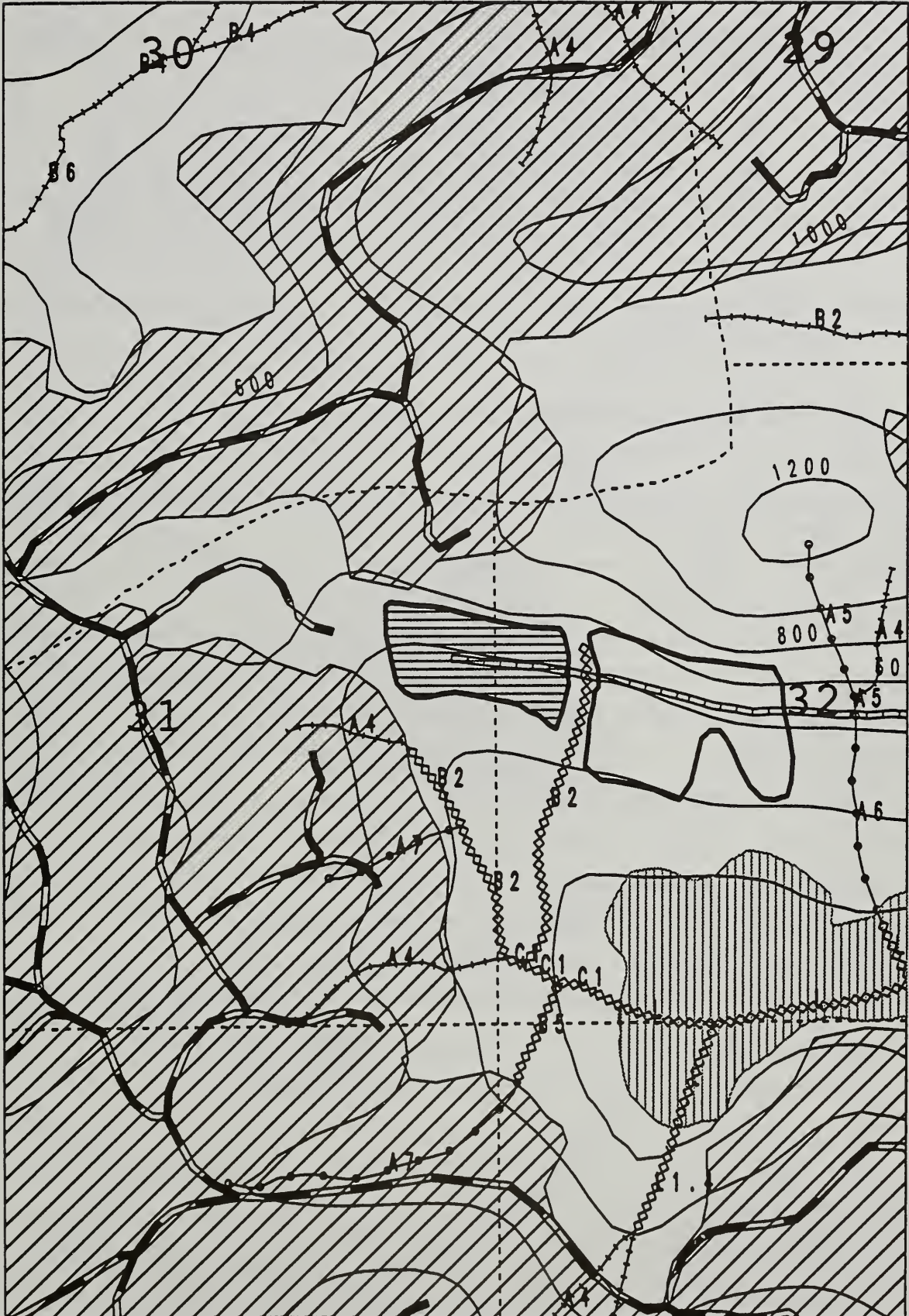
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 550-238



- |           |                              |
|-----------|------------------------------|
|           | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○     | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| —————     | EXISTING ROADS               |
| ——+——+——  | ALTERNATIVE ROAD             |
| —————     | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |   |               |
|---|---------------|
|   | UNIT          |
| ■ | EAGLE NEST    |
| ▨ | PRIOR HARVEST |
|   | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-238</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>22</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>566</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990115</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 13 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 22 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 1 acres High 0 acres Very High 0 acres

SOILS

This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

The road into this unit crosses a B2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

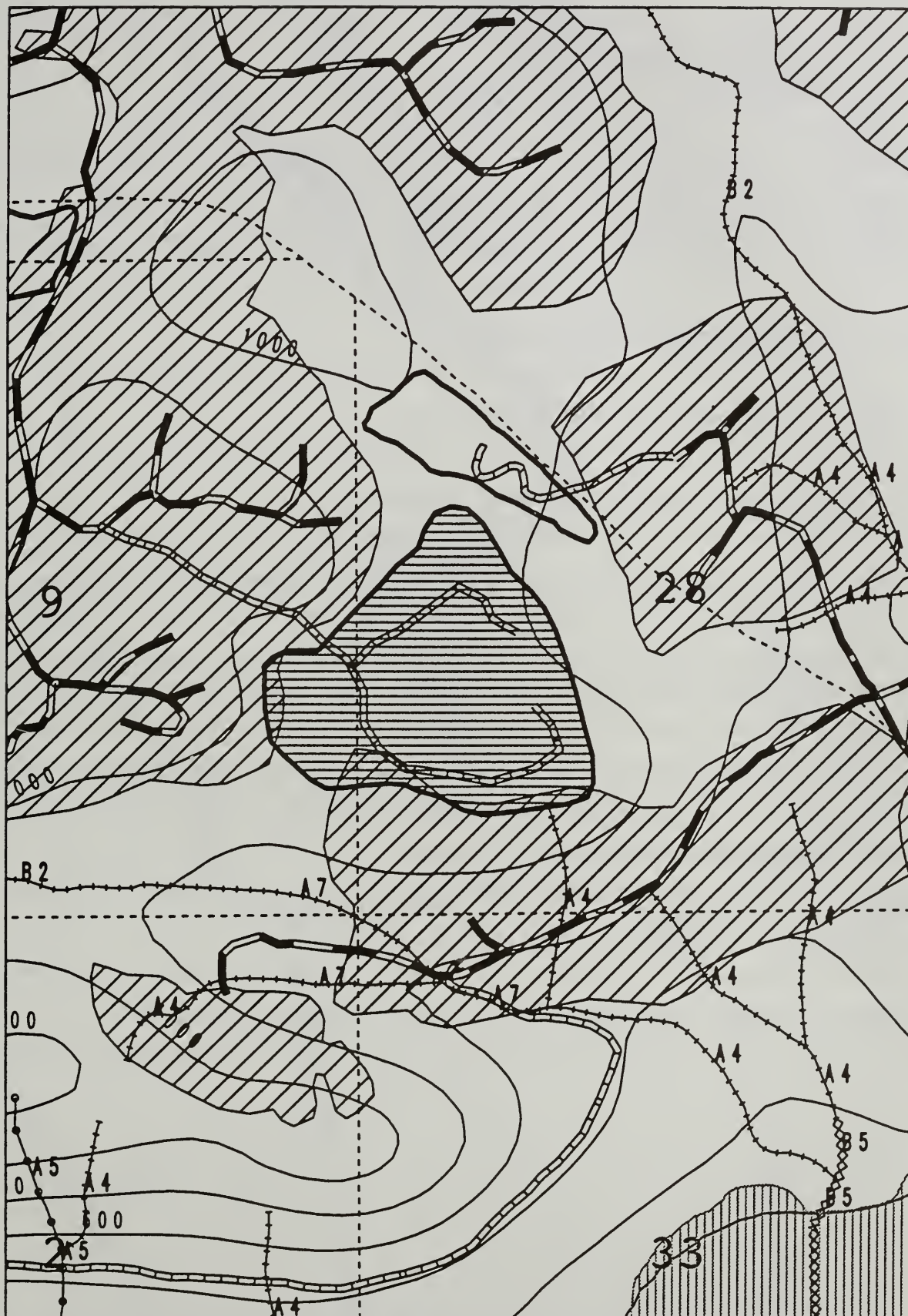
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

UNIT 550-239



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- o--- CLASS 2 STREAM
- x--- CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- [Horizontal hatching] UNIT
- [Cross-hatching] EAGLE NEST
- [Diagonal hatching] PRIOR HARVEST
- [Vertical hatching] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>550-239</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>95</u>	Quad <u>PBGA4SWN</u>
Estimated volume (mbf) <u>2888</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990020</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 47 acres VC6 42 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 1 acres 800-1200 ft. 93 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 88 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

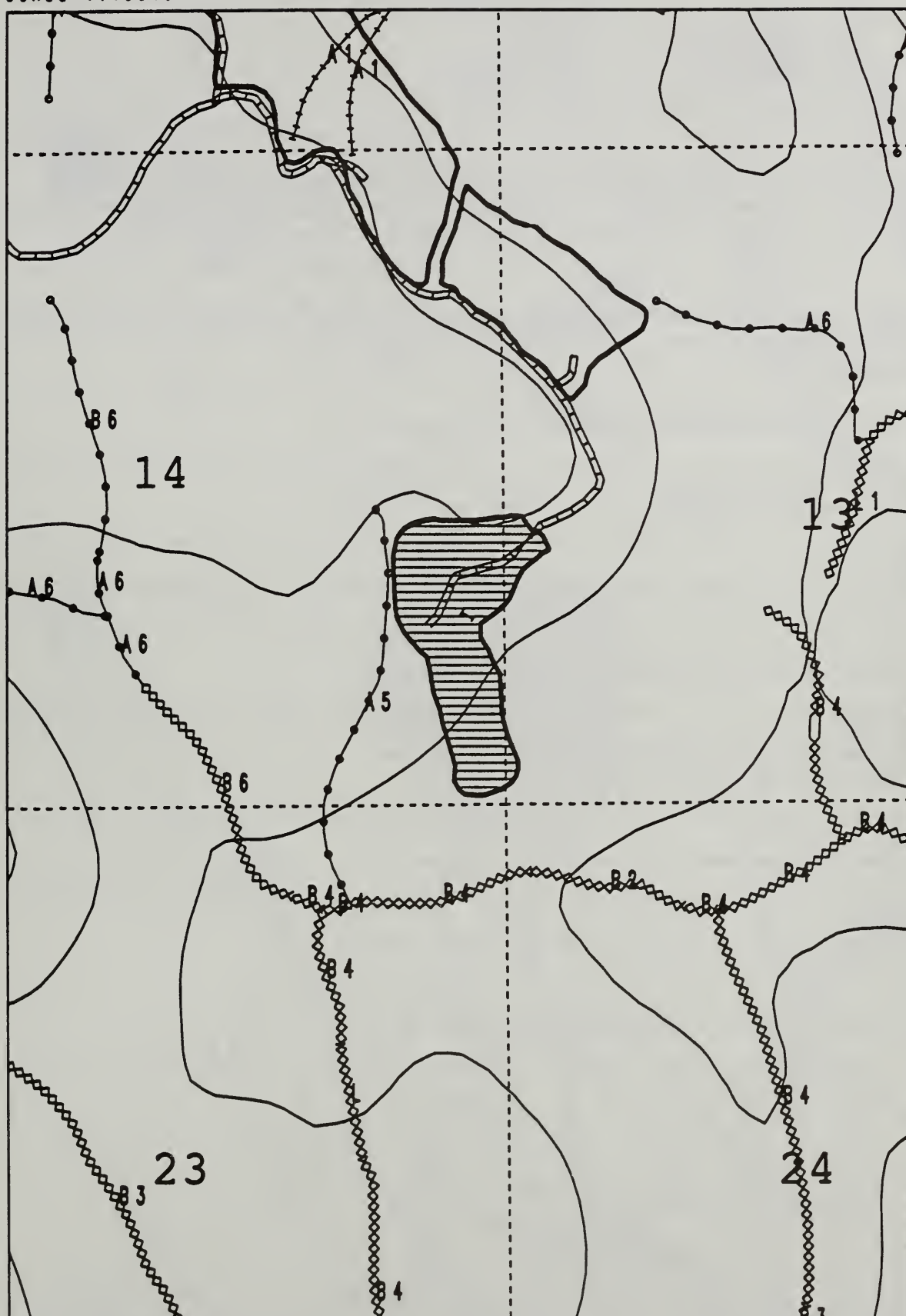
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 551-238



- - - - - UNCLASS. STREAM WITHIN UNITS  
 ○○○○○○ CLASS 1 STREAM  
 ●●●●● CLASS 2 STREAM  
 + + + + + CLASS 3 STREAM  
 = = = = = EXISTING ROADS  
 - - - - - ALTERNATIVE ROAD  
 ———— CONTOUR LINE  
 - - - - - SECTION LINE



[Hatched Box] UNIT  
 [Cross-hatched Box] EAGLE NEST  
 [Diagonal Lines Box] PRIOR HARVEST  
 [Vertical Lines Box] WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>551-238</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>30</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>661</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290049</u>
Forest type <u>Cedar</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 33 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 30 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A5 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Whale Pass as viewed from 1/2 mile from shore.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 551-249



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ..... | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ..... | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ..... | EAGLE NEST    |
| ----- | PRIOR HARVEST |
| ===== | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>551-249</u>	Alternatives considered <u>4</u>
Planned acres <u>75</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1674</u>	Mgmt Area <u>K03</u>
Logging system <u>Slackline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190018</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 48 acres VC5 24 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 75 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 60 acres Medium 0 acres High 15 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 43 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 2 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of PR within the viewshed of Whale Pass  
as viewed from 1/2 mile from shore.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

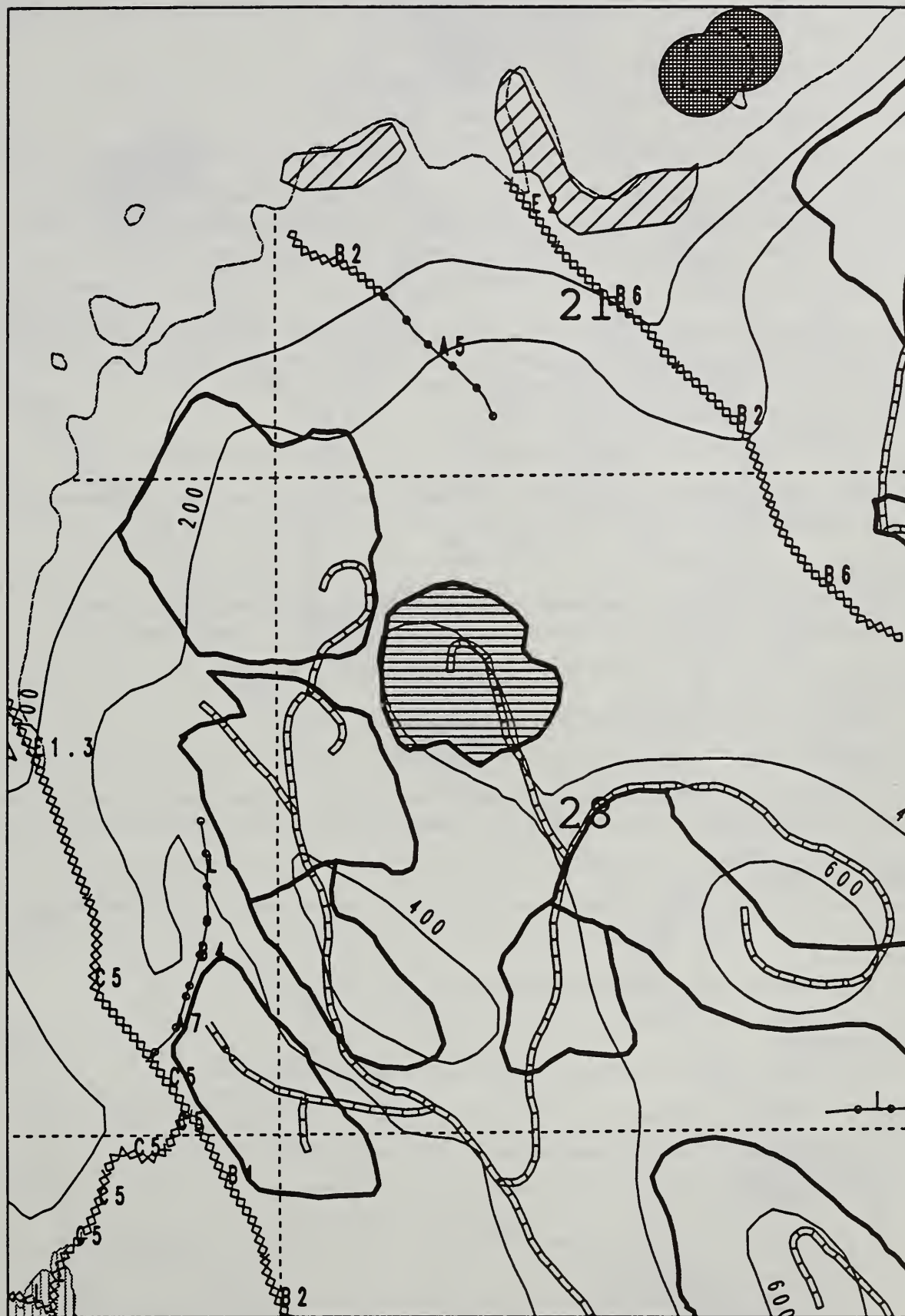
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 551-250



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| ◇◇◇◇◇     | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| ×××××     | CLASS 3 STREAM               |
| ———       | EXISTING ROADS               |
| - - - - - | ALTERNATIVE ROAD             |
| ———       | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ⊞ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▩ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>551-250</u>	Alternatives considered <u>4</u>
Planned acres <u>35</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>681</u>	Mgmt Area <u>K03</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190018</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 34 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 21 acres of slopes > 75%.

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs13.9, 13.16).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

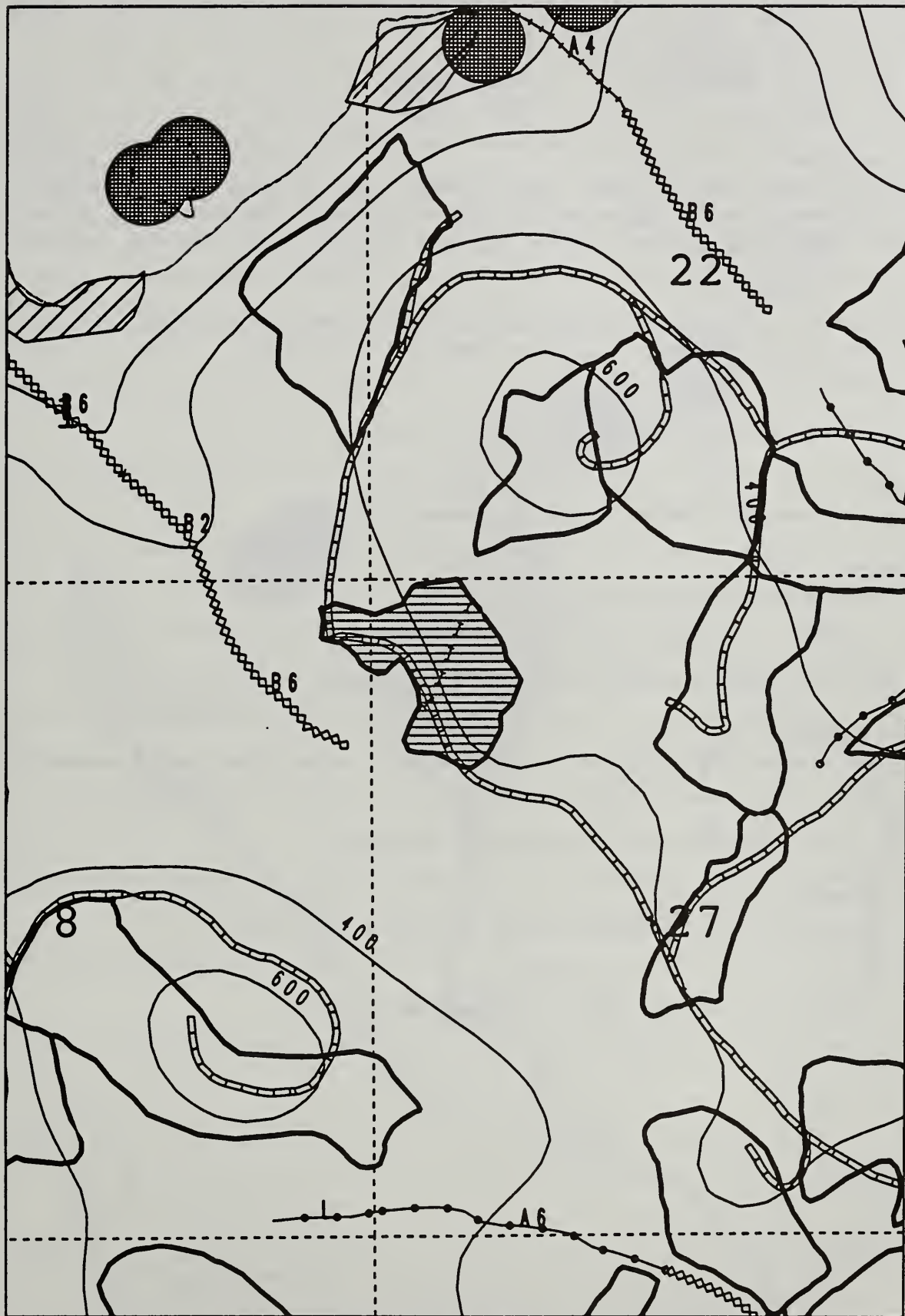
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 551-253



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○    | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| ——— ———   | CLASS 3 STREAM               |
| ——— ———   | EXISTING ROADS               |
| ——— ———   | ALTERNATIVE ROAD             |
| ———       | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |   |               |
|---|---------------|
|   | UNIT          |
| ■ | EAGLE NEST    |
| ▨ | PRIOR HARVEST |
| ▩ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>551-253</u>	Alternatives considered <u>3</u>
Planned acres <u>29</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>541</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190018</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 29 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

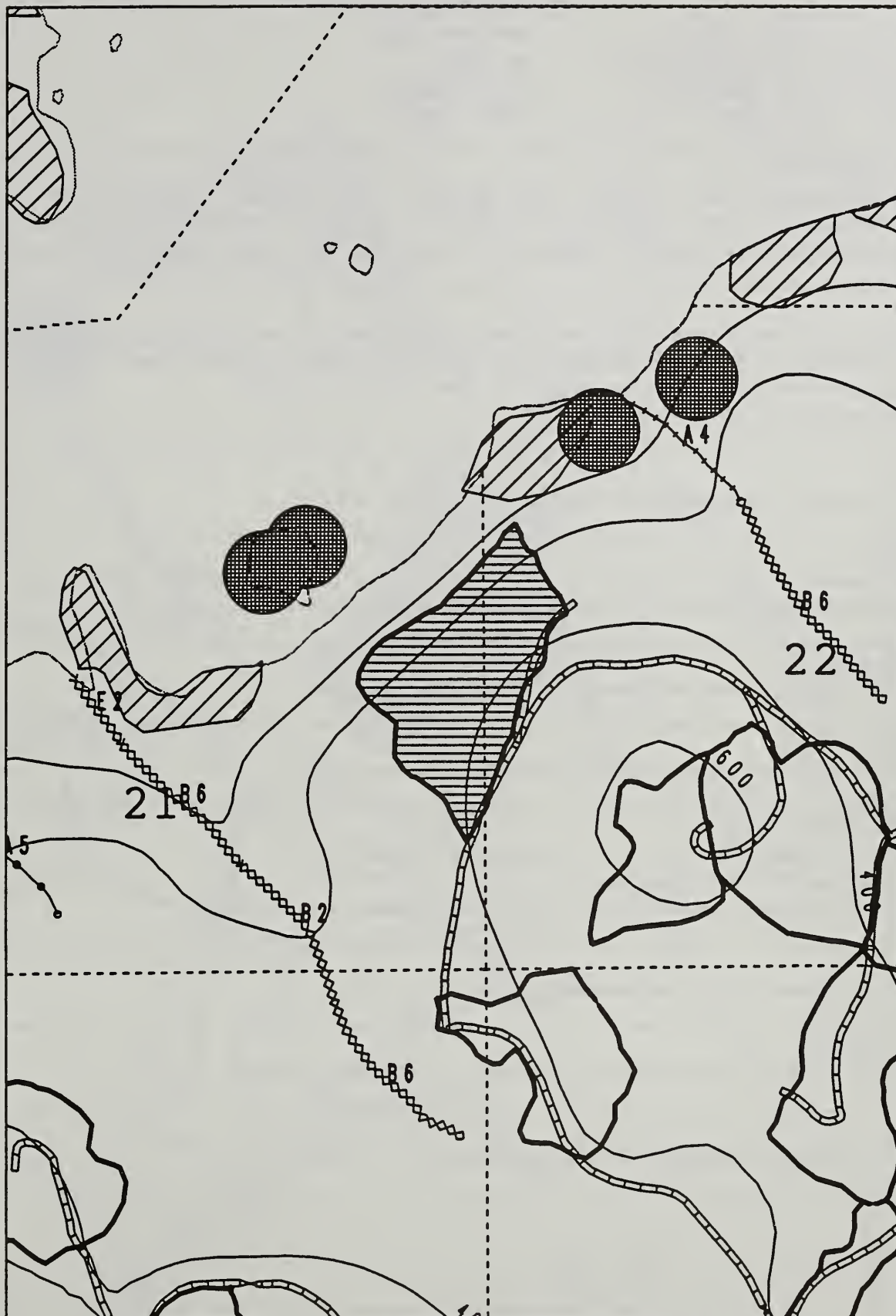
There are no geological mitigation measures anticipated for this unit.

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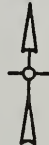
SCALE 1:15840

# UNIT 551-254



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>551-254</u>	Alternatives considered <u>3 4</u>
Planned acres <u>47</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1260</u>	Mgmt Area <u>K03</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190018</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 33 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 47 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 34 acres Medium 0 acres High 13 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 26 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of PR within the viewshed of Whale Pass  
as viewed from 1/2 mile from shore.  
This unit will need boundary modification to meet VQO proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

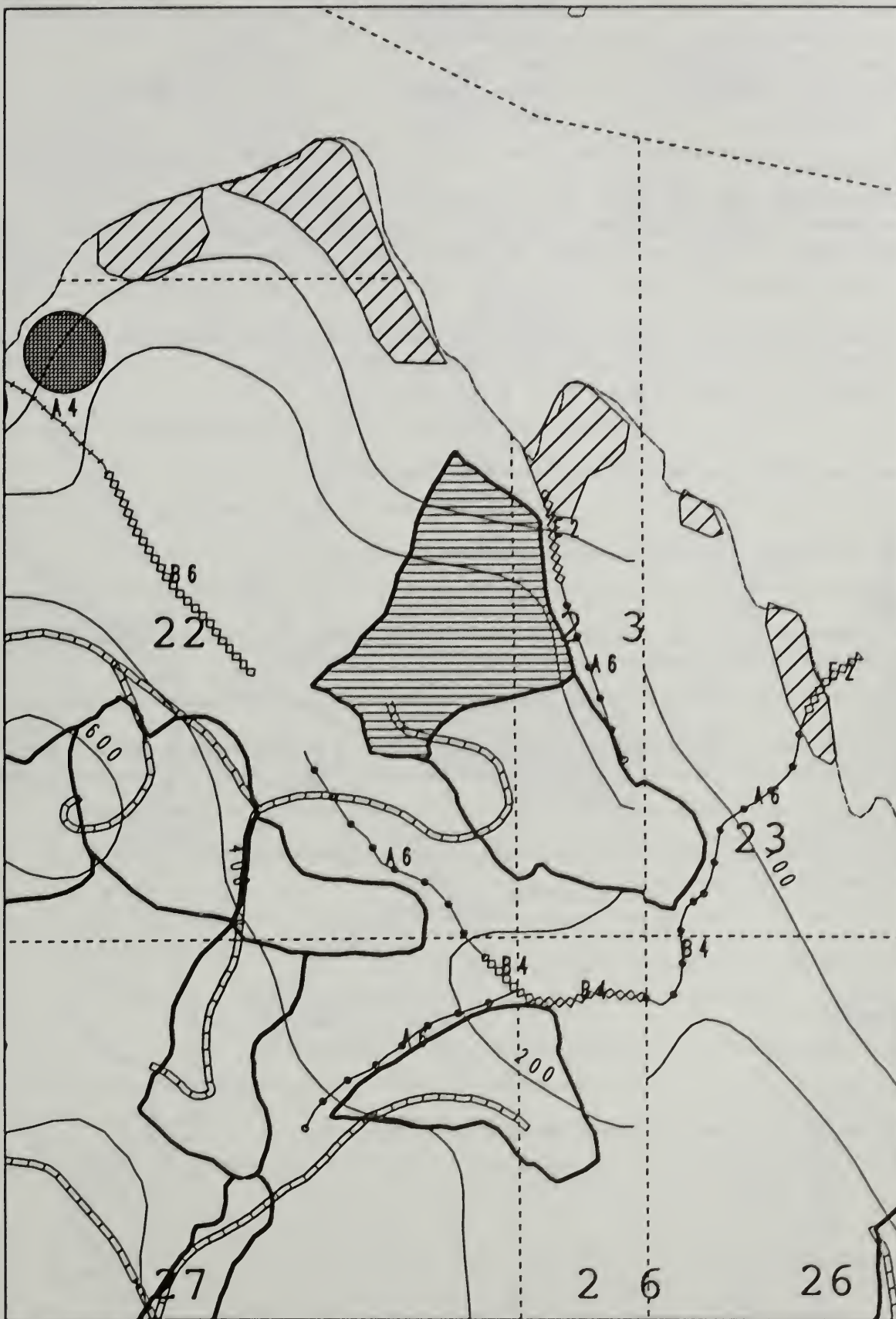
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-201</u>	Alternatives considered <u>3 4</u>
Planned acres <u>60</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1401</u>	Mgmt Area <u>K08</u>
Logging system <u>Slackline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190074</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 55 acres VC5 6 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 60 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 36 acres Medium 22 acres High 2 acres Very High 0 acres

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SOILS

This unit contains 53 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 4 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a E2 stream. No harvest within 200 feet of estuary.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

The unit has a proposed VQO of PR within the viewshed of Whale Pass  
as viewed from 1/2 mile from shore.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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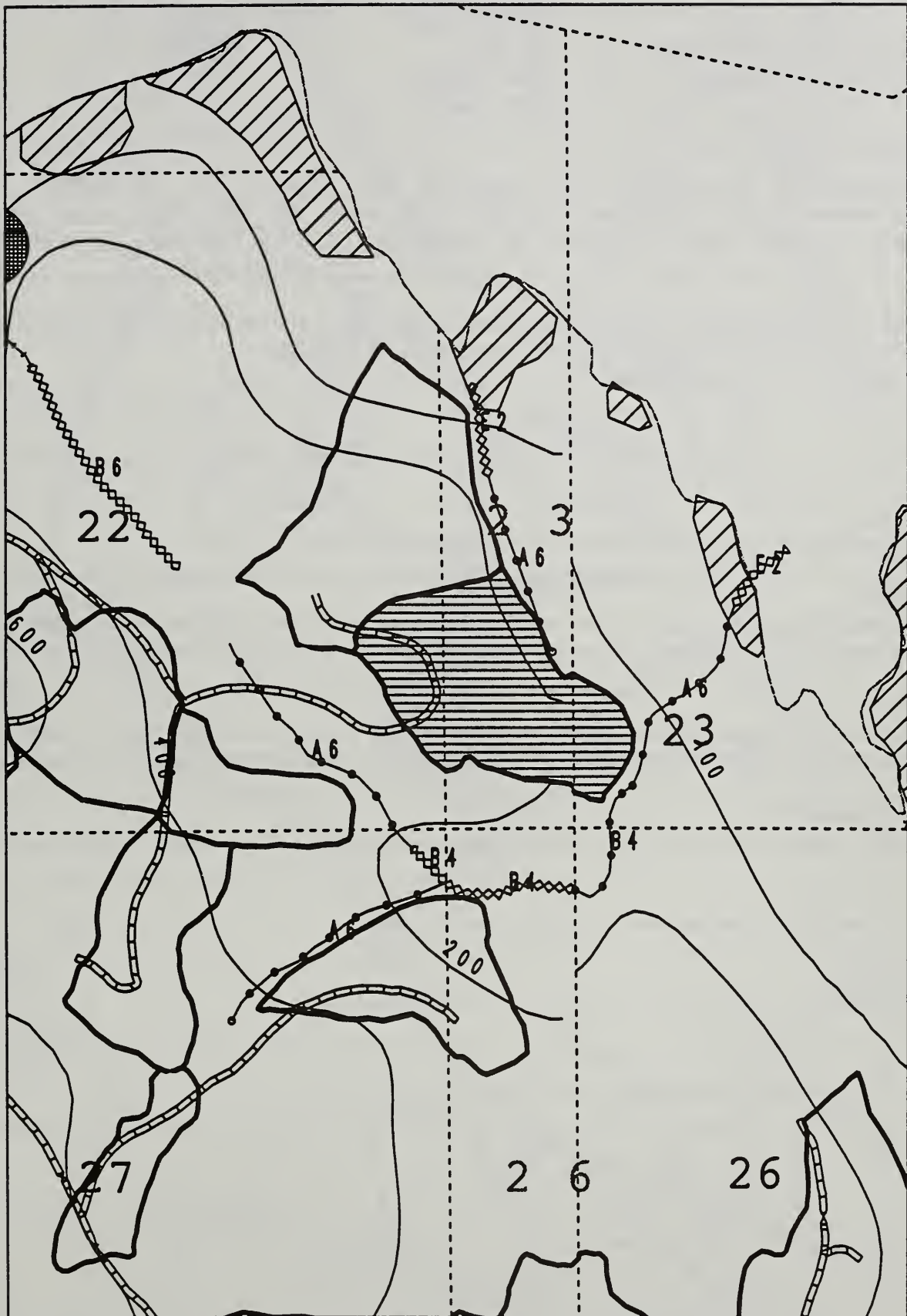
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-202



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-202</u>	Alternatives considered <u>3 4</u>
Planned acres <u>55</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1721</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190074</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 11 acres VC5 44 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 55 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 27 acres High 2 acres Very High 0 acres

SOILS

This unit contains 42 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 2 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a B4 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

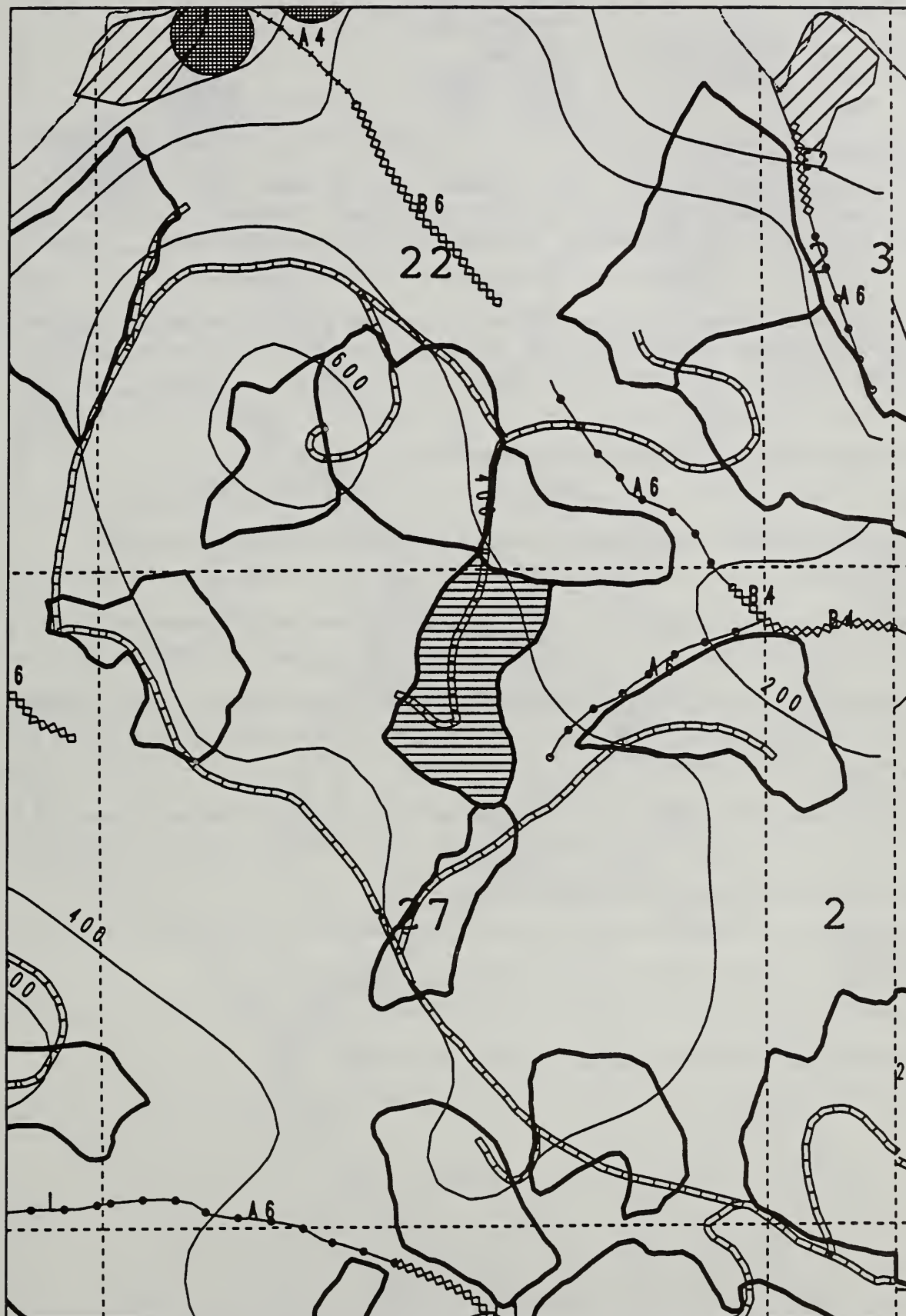
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-203



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-203</u>	Alternatives considered <u>3</u>
Planned acres <u>35</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>744</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190073</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 34 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

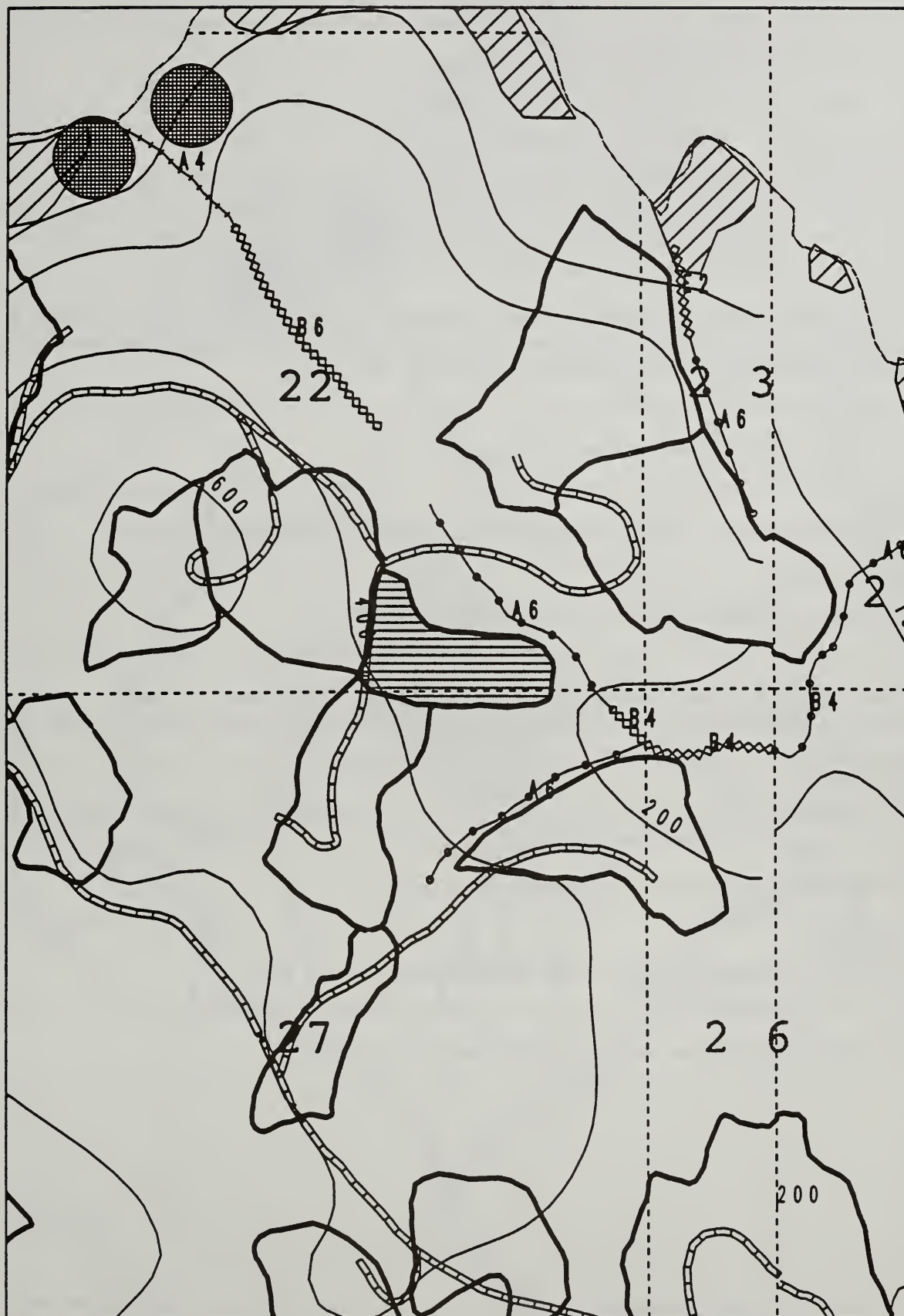
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-204



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| XXXXXX    | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| =====     | EXISTING ROADS               |
| —+—+—+—   | ALTERNATIVE ROAD             |
| —         | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |        |               |
|--------|---------------|
| =====  | UNIT          |
| XXXXXX | EAGLE NEST    |
| ////   | PRIOR HARVEST |
|        | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-204</u>	Alternatives considered <u>3</u>
Planned acres <u>23</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>482</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190073</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 23 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 14 acres Medium 1 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 8 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

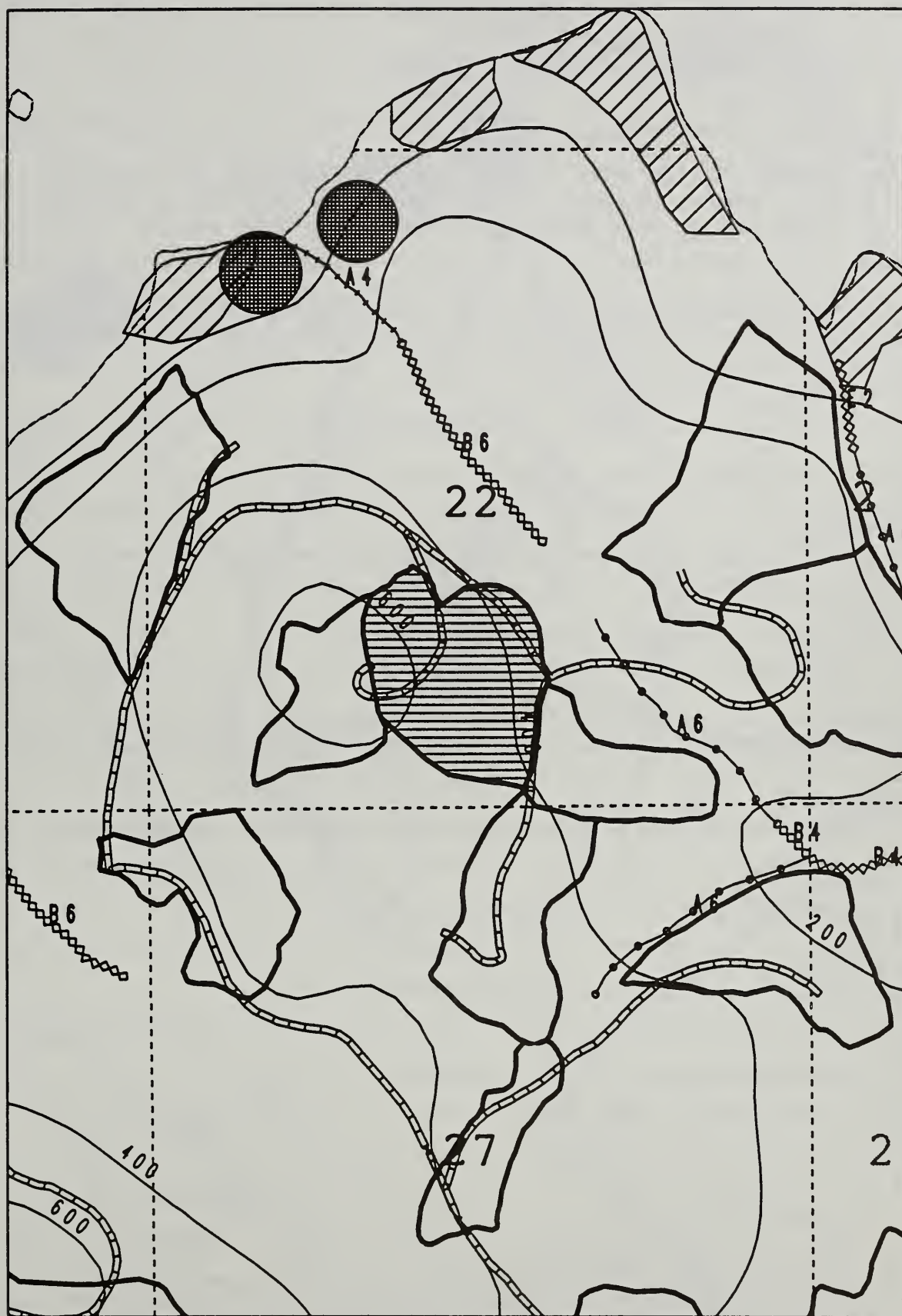
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-206



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ----  | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ----- | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ===== | EAGLE NEST    |
| ===== | PRIOR HARVEST |
| ===== | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-206</u>	Alternatives considered <u>3 4</u>
Planned acres <u>44</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1127</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190073</u>
Forest type <u>Cedar</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 15 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 33 acres Medium 0 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

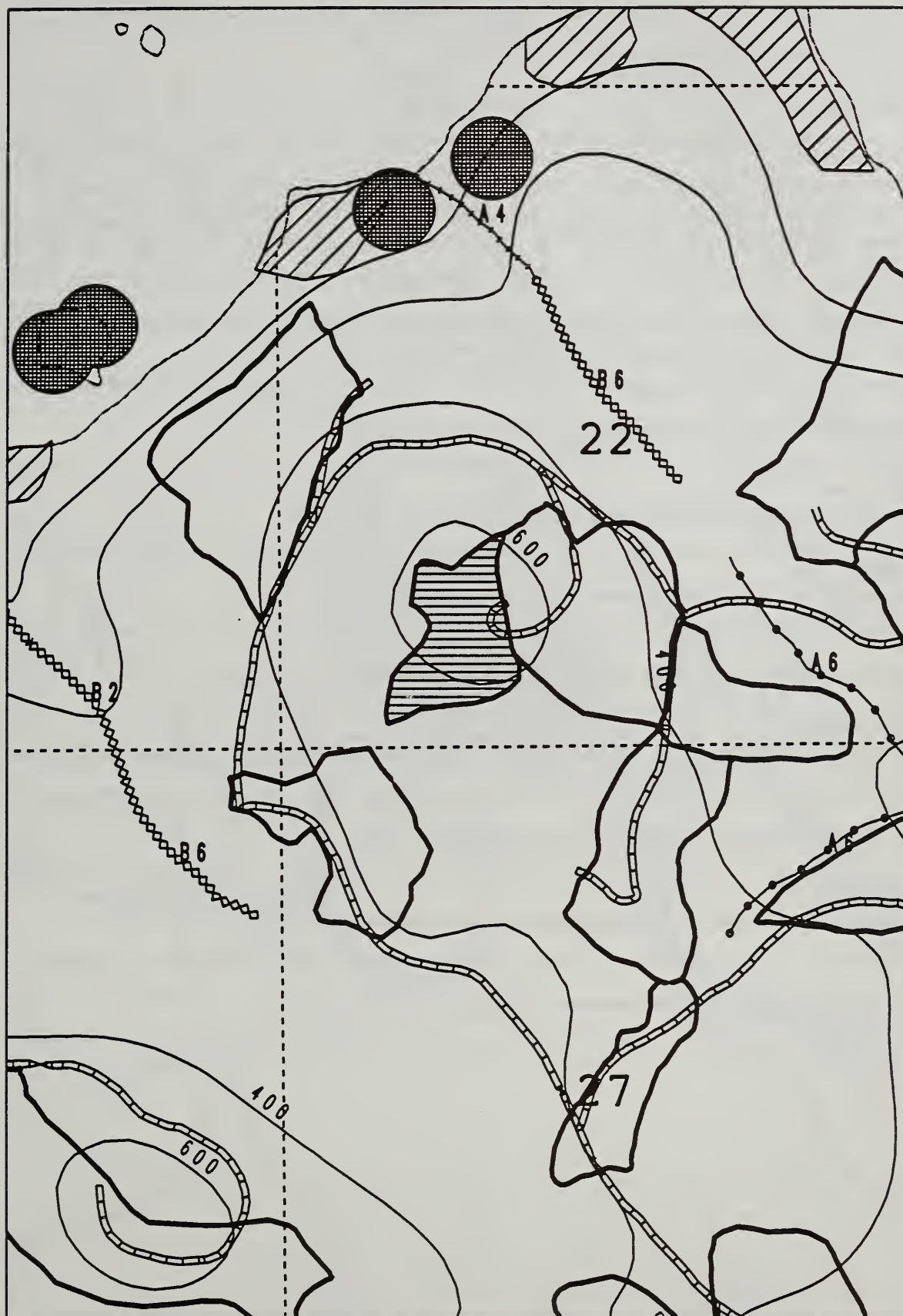
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-207



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- ××××× CLASS 3 STREAM
- == EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-207</u>	Alternatives considered <u>4</u>
Planned acres <u>22</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>481</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190074</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 16 acres VC5 4 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 22 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

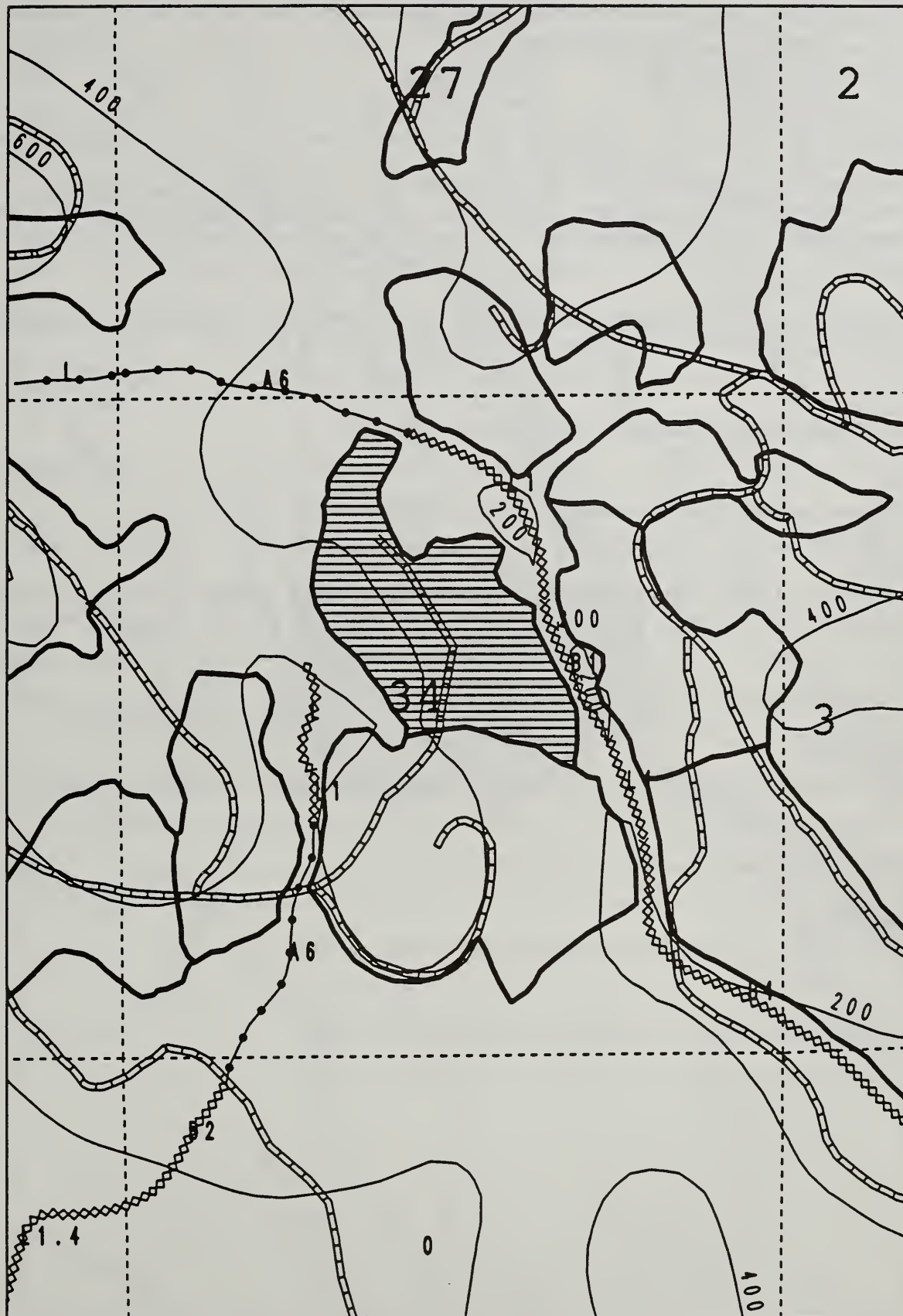
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-211



- |           |                              |
|-----------|------------------------------|
| — — — — — | UNCLASS. STREAM WITHIN UNITS |
| ⋈⋈⋈⋈⋈     | CLASS 1 STREAM               |
| —●—●—●—   | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| — — — — — | EXISTING ROADS               |
| — — — — — | ALTERNATIVE ROAD             |
| — — — — — | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ▨▨▨▨▨ | UNIT          |
| ▩▩▩▩▩ | EAGLE NEST    |
| ▧▧▧▧▧ | PRIOR HARVEST |
| ▦▦▦▦▦ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 552-211 Alternatives considered 4  
Planned acres 64 Quad PBGA4SES  
Estimated volume (mbf) 2054 Mgmt Area K08  
Logging system Small skyline uphill/downhillWAA 1421  
Silvicultural system Clearcut Photo 1190072  
Forest type Mixed conifer Aspect East

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 62 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 64 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 25 acres High 4 acres Very High 0 acres

SOILS

This unit contains 49 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

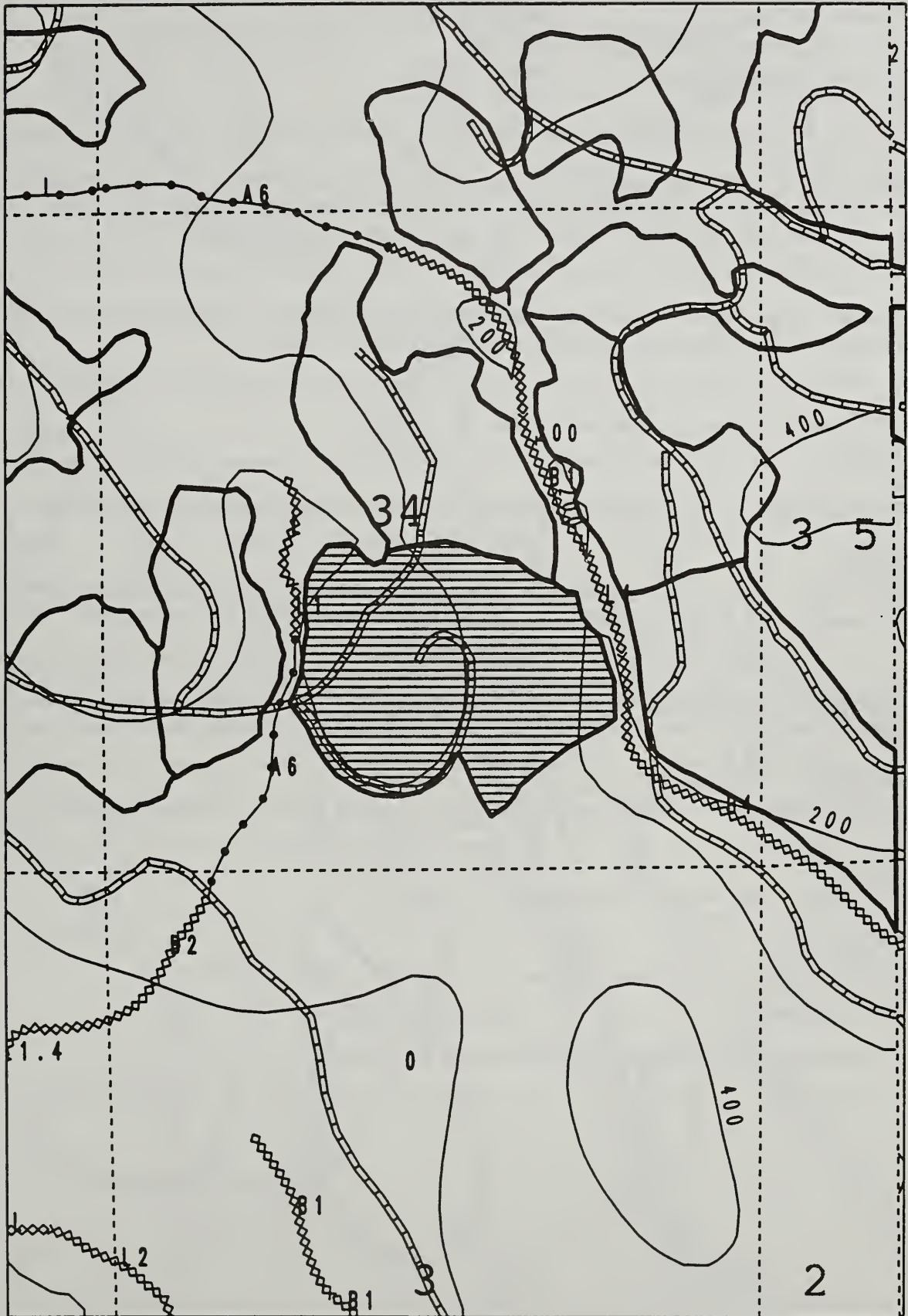
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-212



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-212</u>	Alternatives considered <u>3</u>
Planned acres <u>96</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>2395</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 69 acres VC5 27 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 96 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 32 acres Medium 55 acres High 9 acres Very High 0 acres

SOILS

This unit contains 93 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

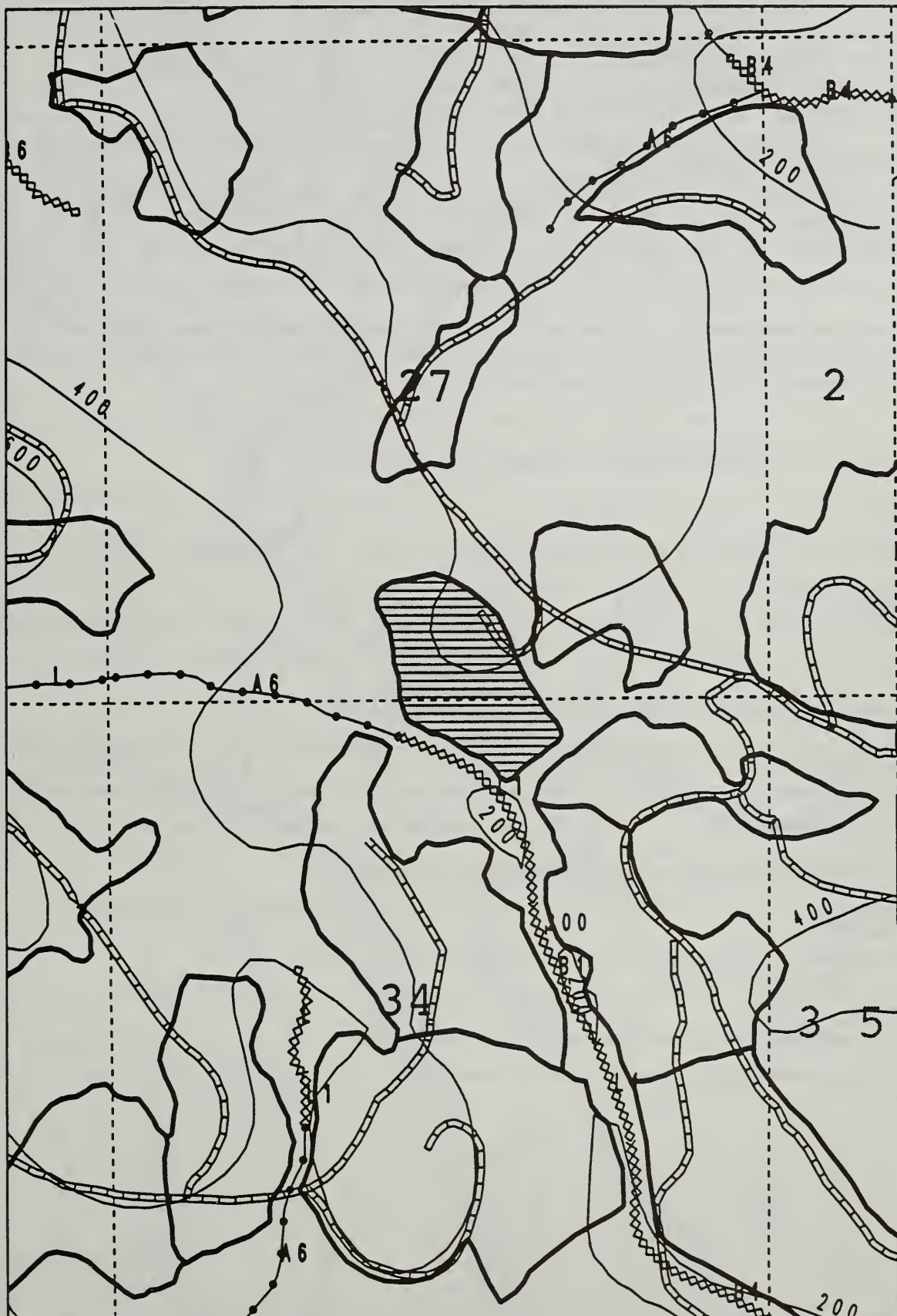
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-213



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-213</u>	Alternatives considered <u>3</u>
Planned acres <u>32</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1049</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 32 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 0 acres High 14 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 21 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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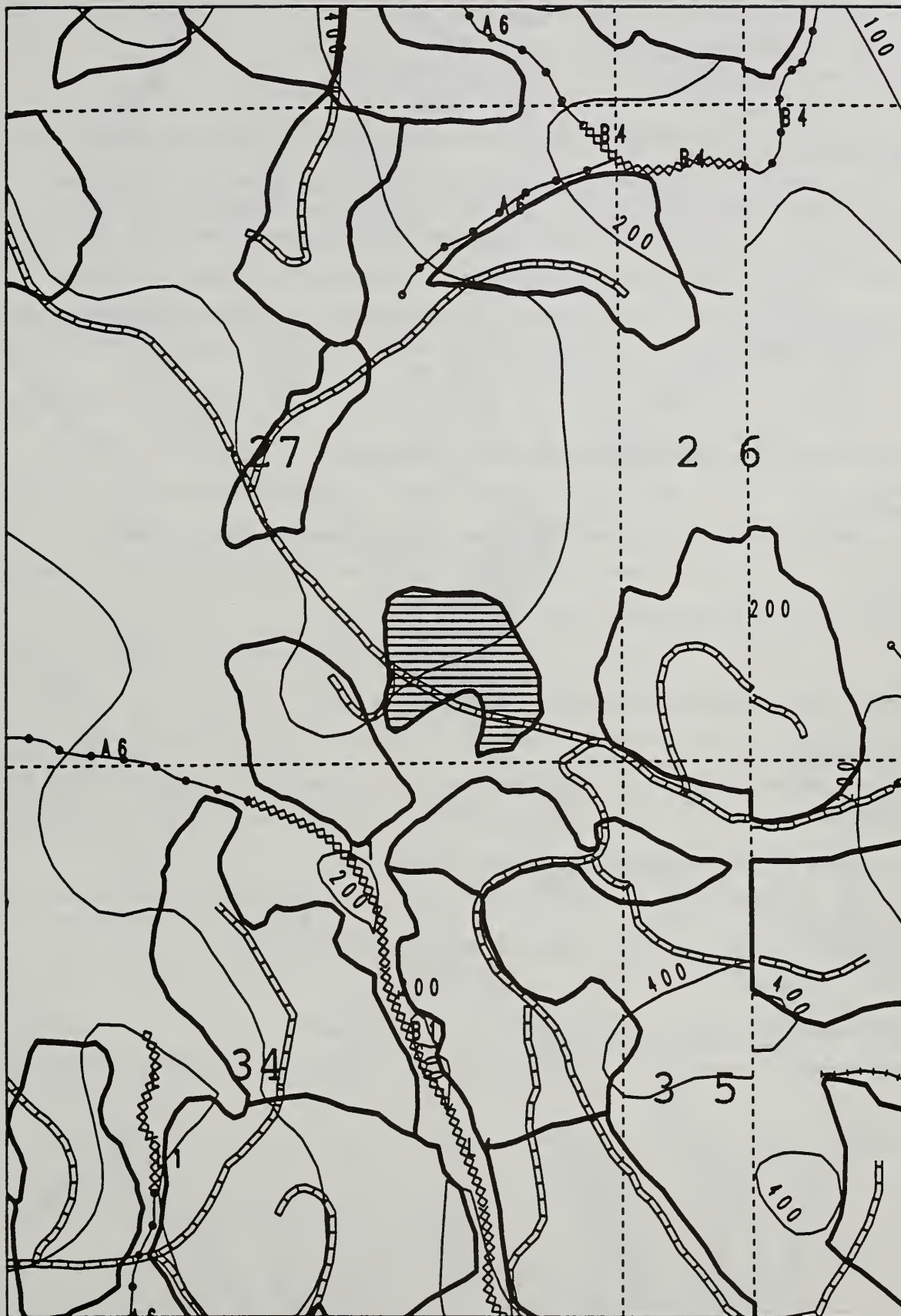
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-214



- |             |                              |
|-------------|------------------------------|
| — — — — —   | UNCLASS. STREAM WITHIN UNITS |
| ◇ ◇ ◇ ◇ ◇   | CLASS 1 STREAM               |
| ● — ● — ● — | CLASS 2 STREAM               |
| — + — + — + | CLASS 3 STREAM               |
| — — — — —   | EXISTING ROADS               |
| — — — — —   | ALTERNATIVE ROAD             |
| — — — — —   | CONTOUR LINE                 |
| - - - - -   | SECTION LINE                 |



- |         |               |
|---------|---------------|
| ▬ ▬ ▬ ▬ | UNIT          |
| ▨ ▨ ▨ ▨ | EAGLE NEST    |
| ▧ ▧ ▧ ▧ | PRIOR HARVEST |
| ▩ ▩ ▩ ▩ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-214</u>	Alternatives considered <u>3</u>
Planned acres <u>27</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>547</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 25 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 8 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-215</u>	Alternatives considered <u>3 4</u>
Planned acres <u>18</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>372</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 1 acres Very High 0 acres

SOILS

This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

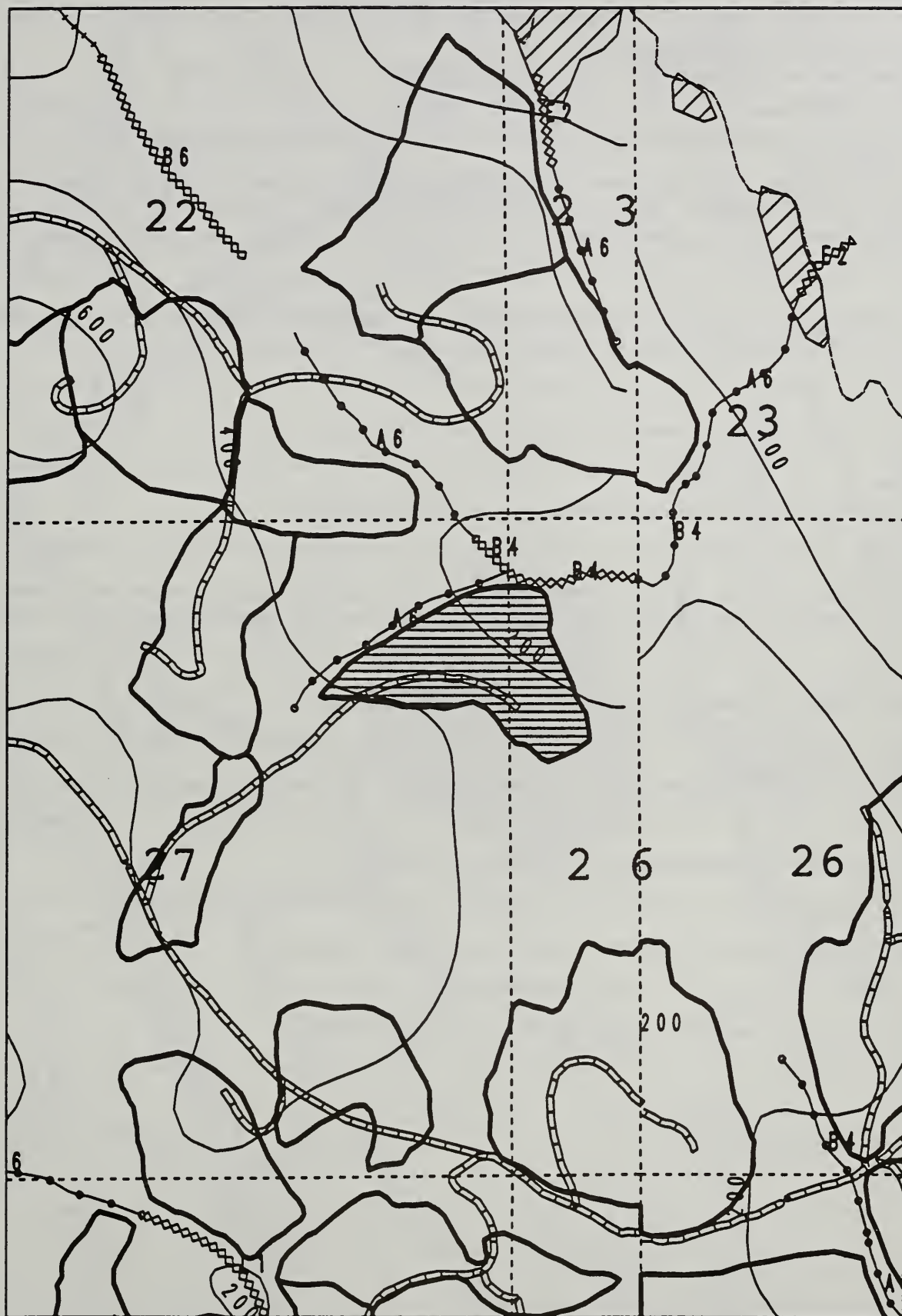
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-216



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-216</u>	Alternatives considered <u>3 4</u>
Planned acres <u>36</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1147</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190073</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 35 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 36 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 36 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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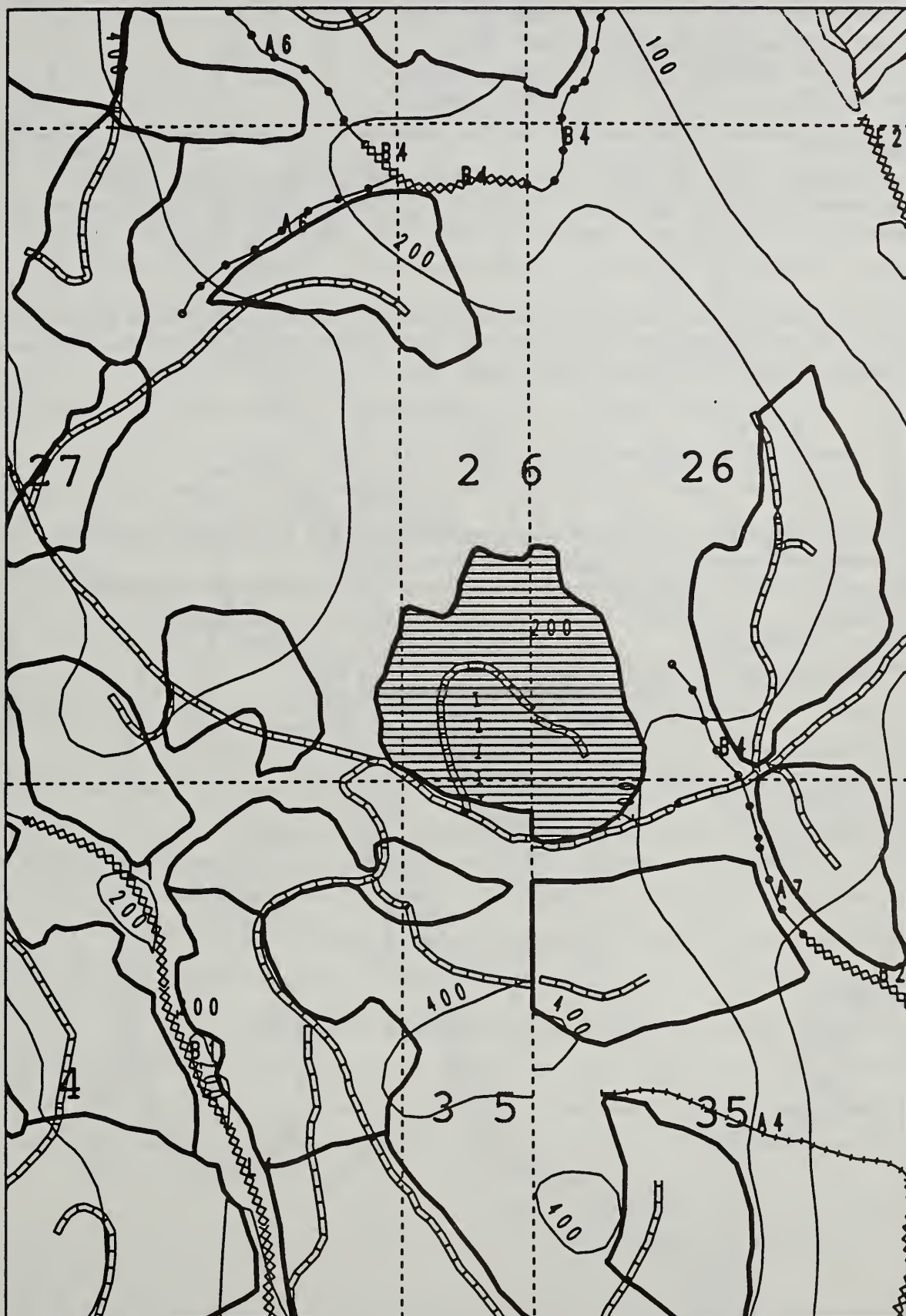
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-217



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-217</u>	Alternatives considered <u>3 4</u>
Planned acres <u>79</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>1702</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 76 acres VC5 0 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 79 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 54 acres Medium 0 acres High 25 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 62 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

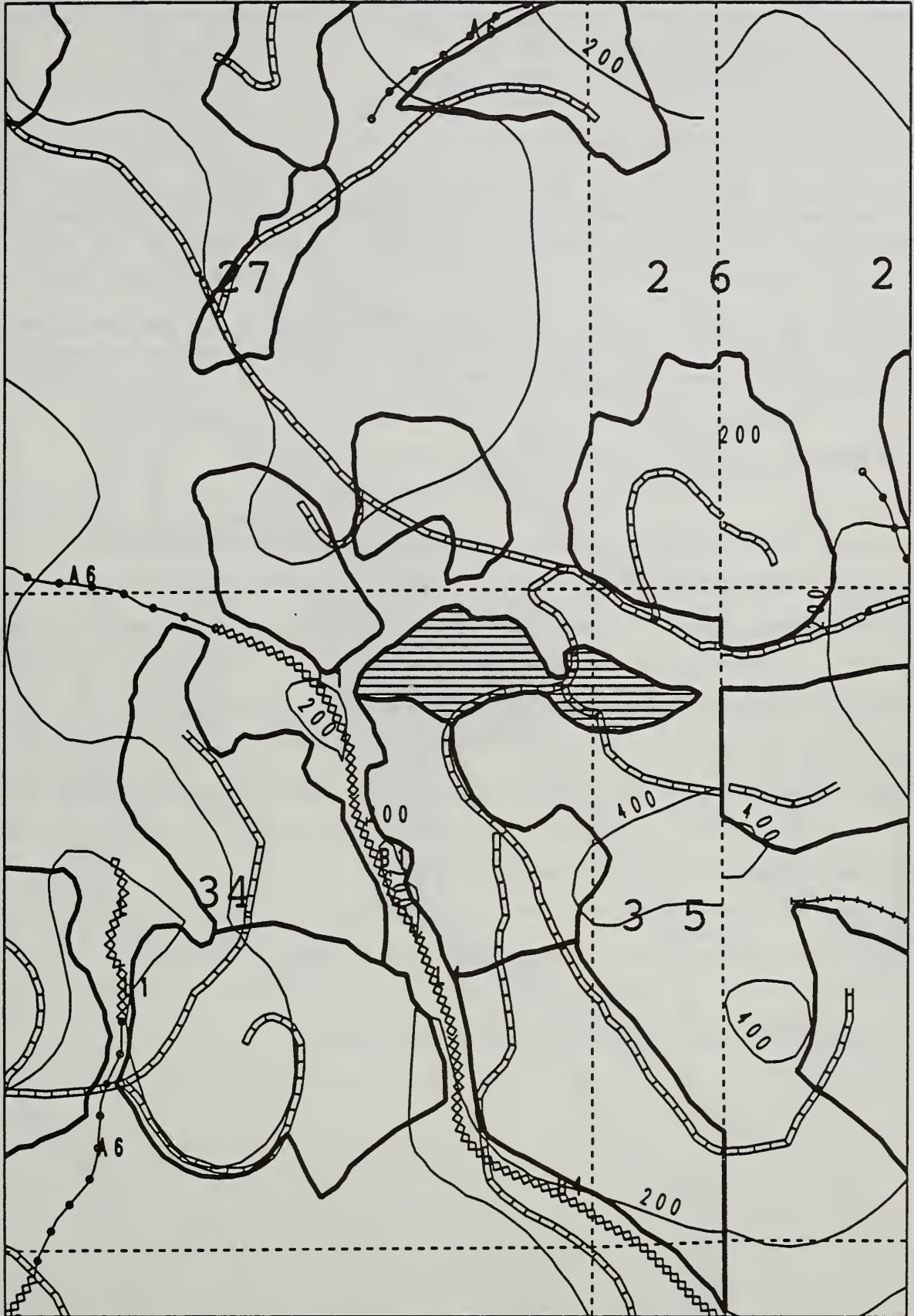
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-218



- |           |                              |
|-----------|------------------------------|
| — — — — — | UNCLASS. STREAM WITHIN UNITS |
| — — — — — | CLASS 1 STREAM               |
| — — — — — | CLASS 2 STREAM               |
| — — — — — | CLASS 3 STREAM               |
| — — — — — | EXISTING ROADS               |
| — — — — — | ALTERNATIVE ROAD             |
| — — — — — | CONTOUR LINE                 |
| — — — — — | SECTION LINE                 |



- |           |               |
|-----------|---------------|
| — — — — — | UNIT          |
| — — — — — | EAGLE NEST    |
| — — — — — | PRIOR HARVEST |
| — — — — — | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-218</u>	Alternatives considered <u>3 4</u>
Planned acres <u>31</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>820</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Cedar</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 18 acres VC5 13 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 23 acres Medium 0 acres High 8 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 21 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

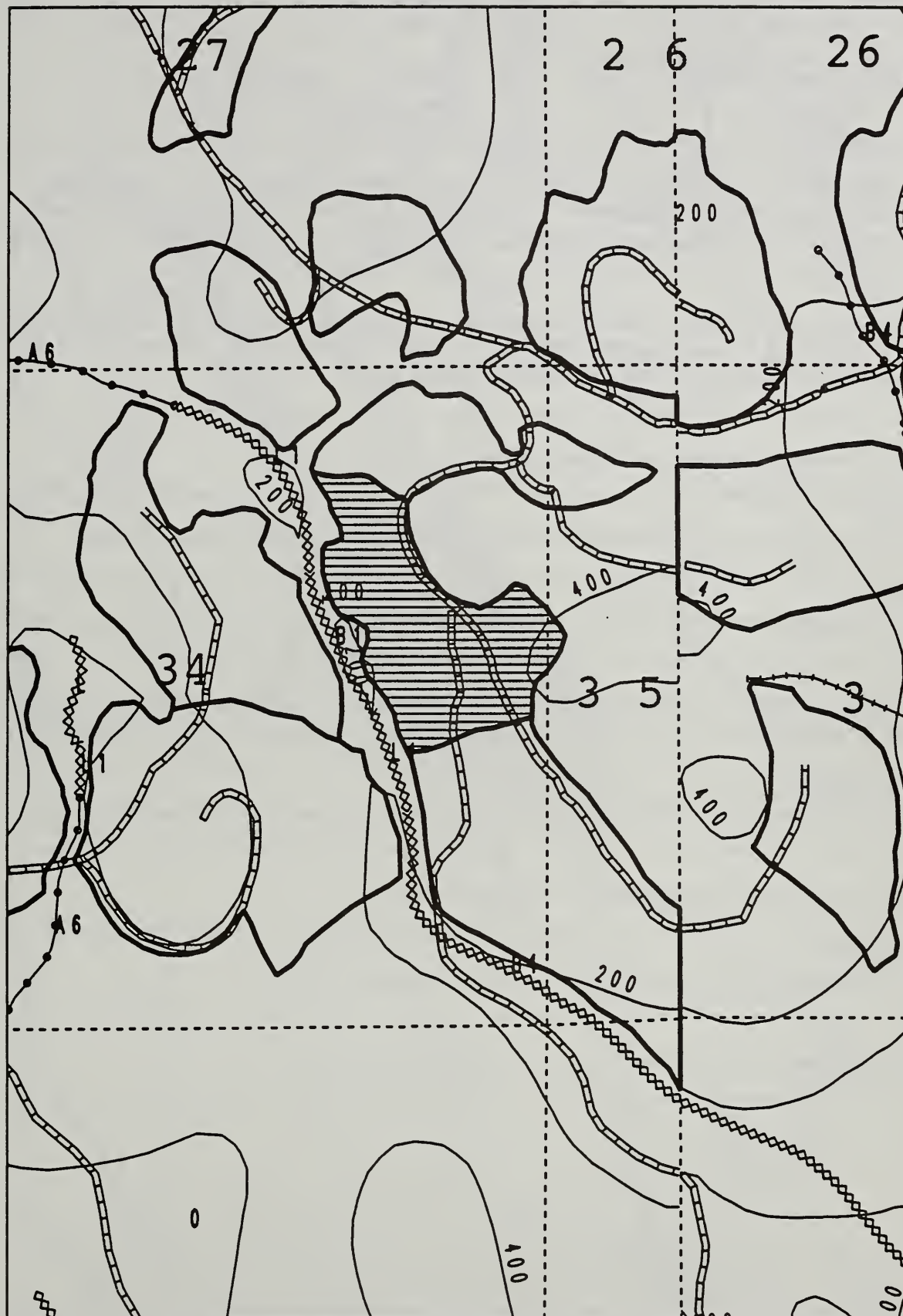
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-219</u>	Alternatives considered <u>3</u>
Planned acres <u>52</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1497</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 37 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 52 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 20 acres Medium 26 acres High 6 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 39 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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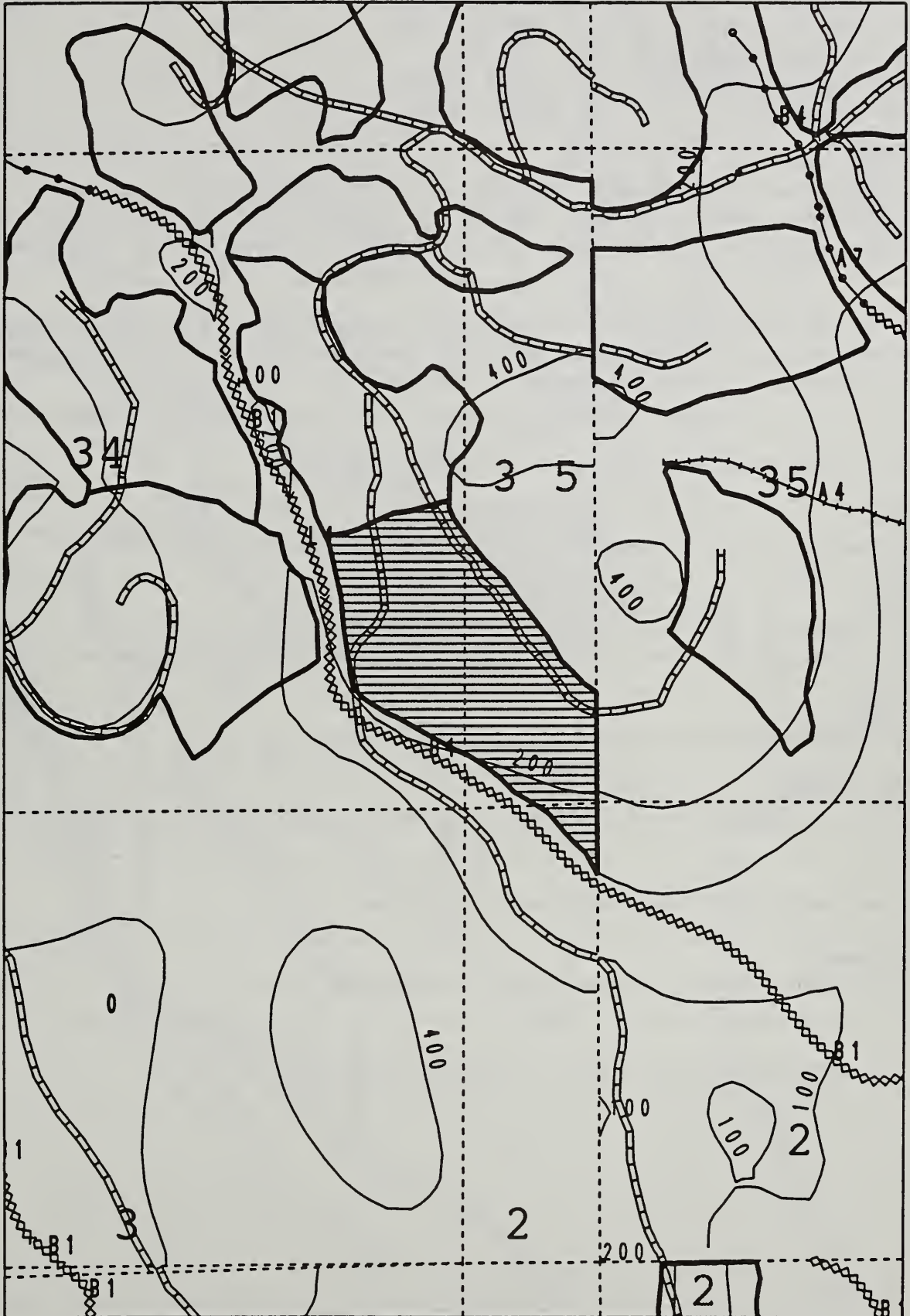
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-220



- — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ CLASS 1 STREAM
- — ● — CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-220</u>	Alternatives considered <u>4</u>
Planned acres <u>74</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1542</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190071</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 45 acres VC5 17 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 74 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 46 acres Medium 8 acres High 20 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit contains 39 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

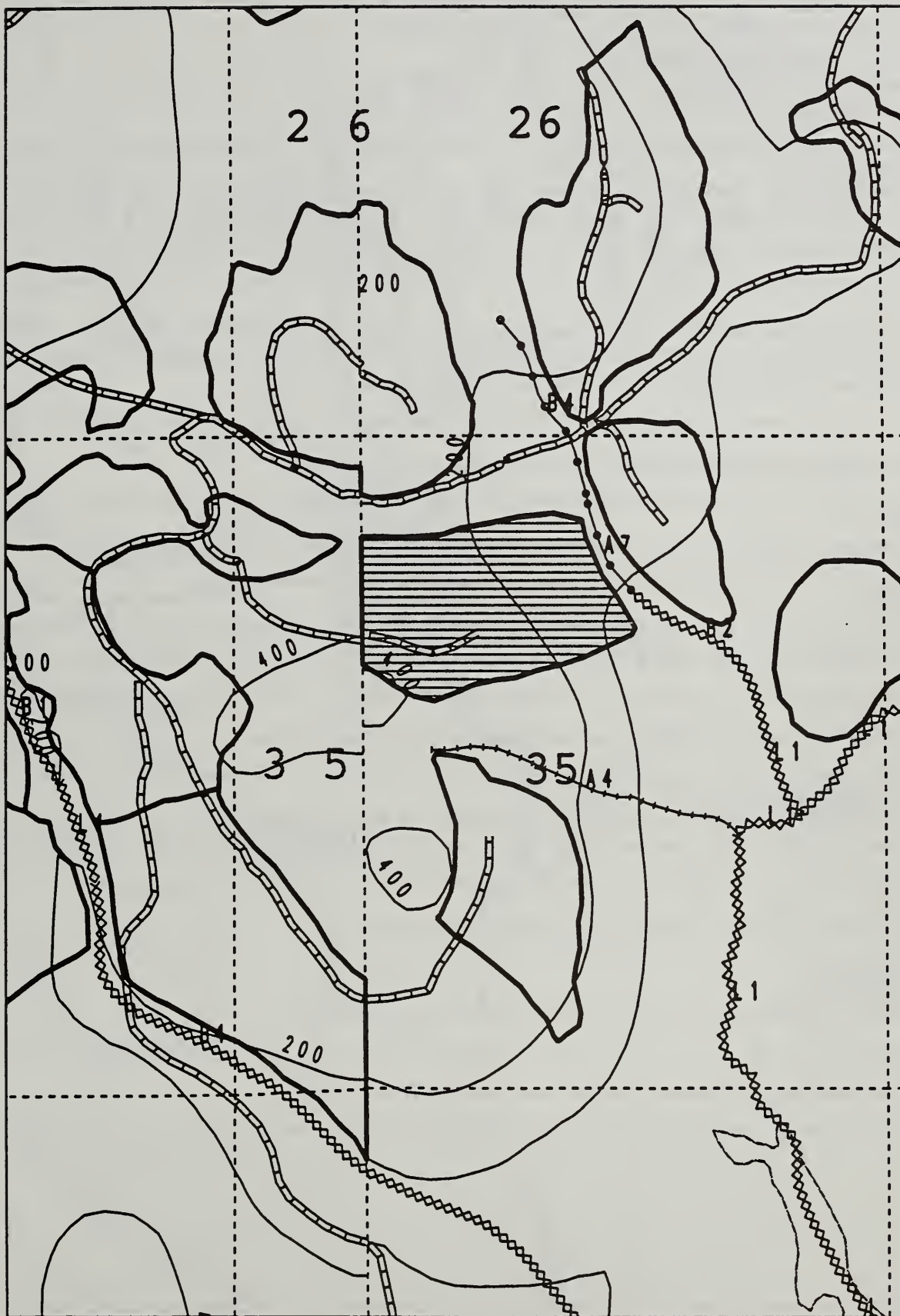
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

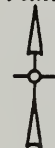
SCALE 1:15840

# UNIT 552-221



- — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ CLASS 1 STREAM
- — — CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- — — SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-221</u>	Alternatives considered <u>3 4</u>
Planned acres <u>56</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>1808</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 54 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 56 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 21 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 38 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

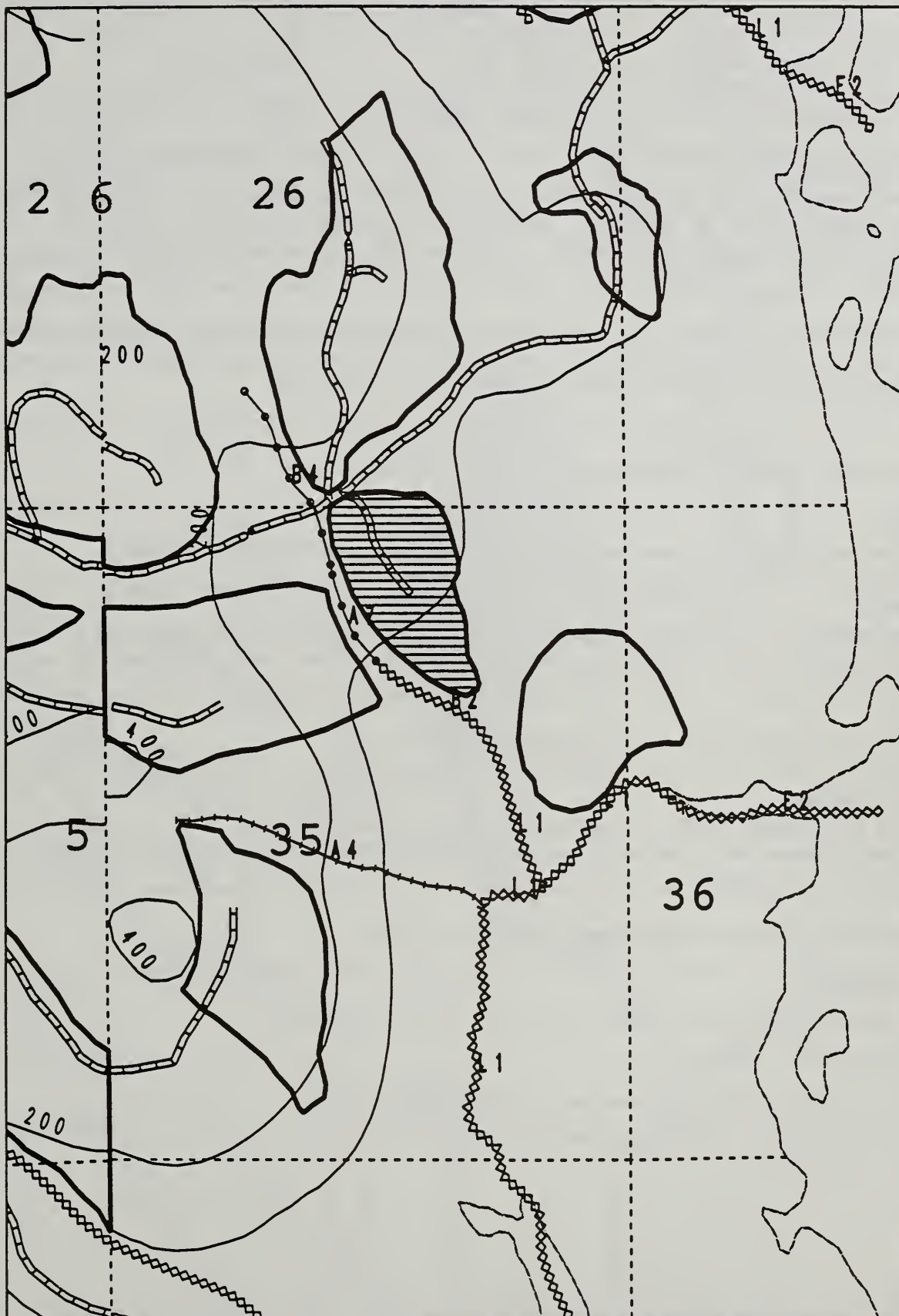
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-223



- — — — — UNCLASS. STREAM WITHIN UNITS
- — — — — — CLASS 1 STREAM
- — — — — — CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-223</u>	Alternatives considered <u>3</u>
Planned acres <u>28</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>781</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190072</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 11 acres VC6 3 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 28 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 6 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

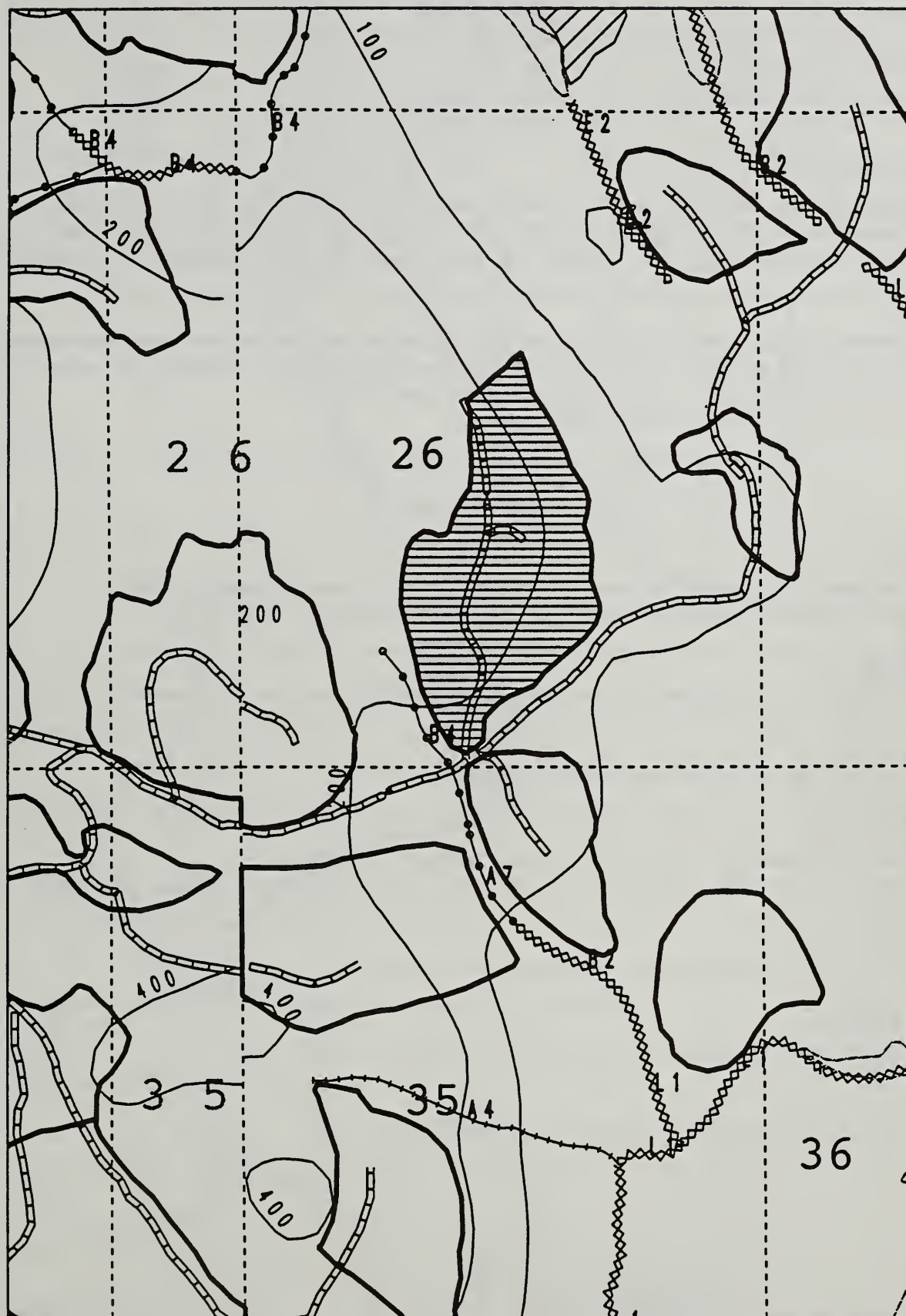
---

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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UNIT 552-224



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH

NORTH

- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-224</u>	Alternatives considered <u>3 4</u>
Planned acres <u>68</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>1608</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190073</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 58 acres VC5 8 acres VC6 2 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 68 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 42 acres Medium 0 acres High 26 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 36 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 9 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Immediately adjacent to a B4 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

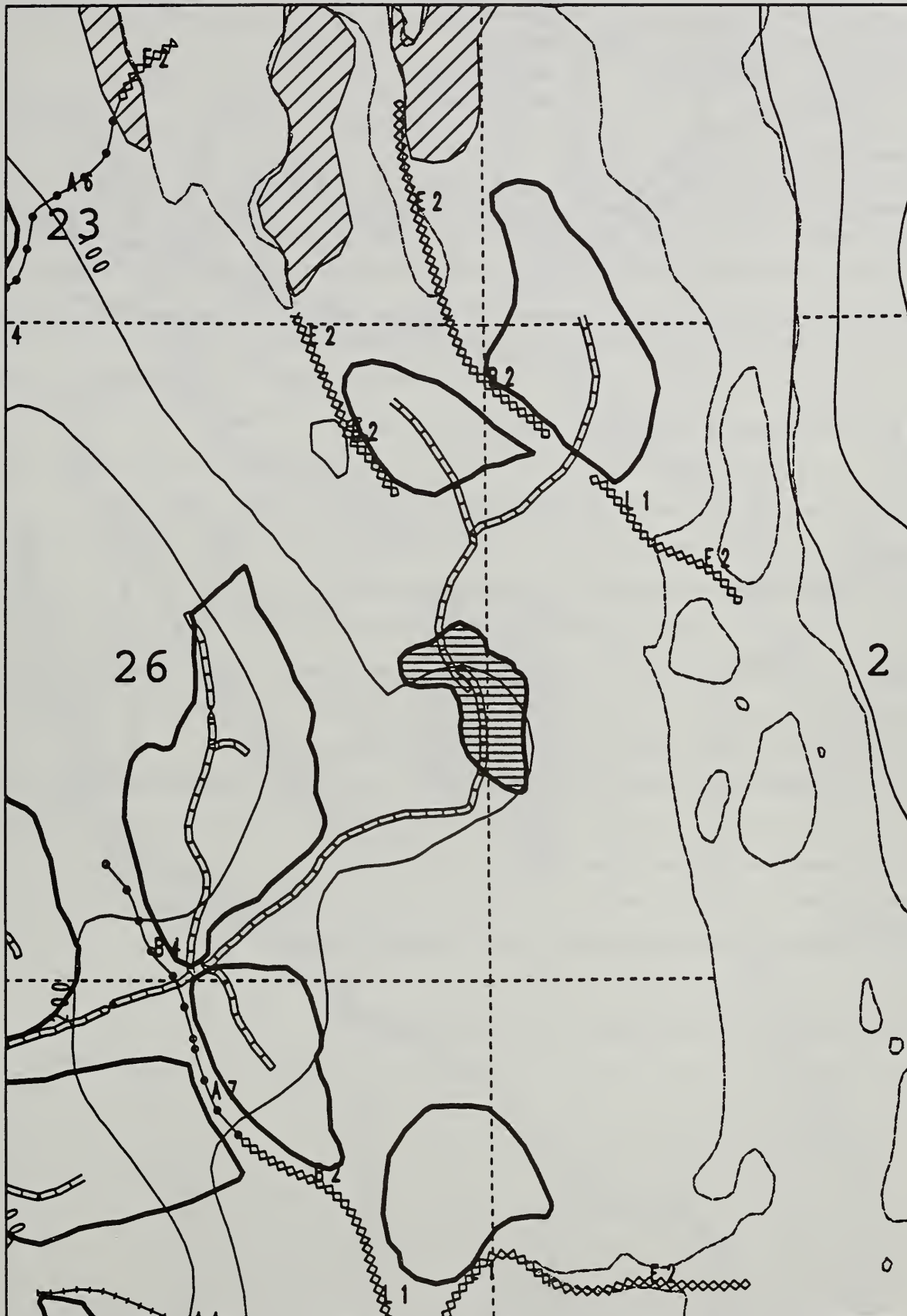
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-226



- UNCLASS. STREAM WITHIN UNITS
- xxxxx CLASS 1 STREAM
- ..... CLASS 2 STREAM
- CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- ===== CONTOUR LINE
- SECTION LINE

NORTH



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-226</u>	Alternatives considered <u>3</u>
Planned acres <u>16</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>366</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890103</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 0 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 16 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 16 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 11 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

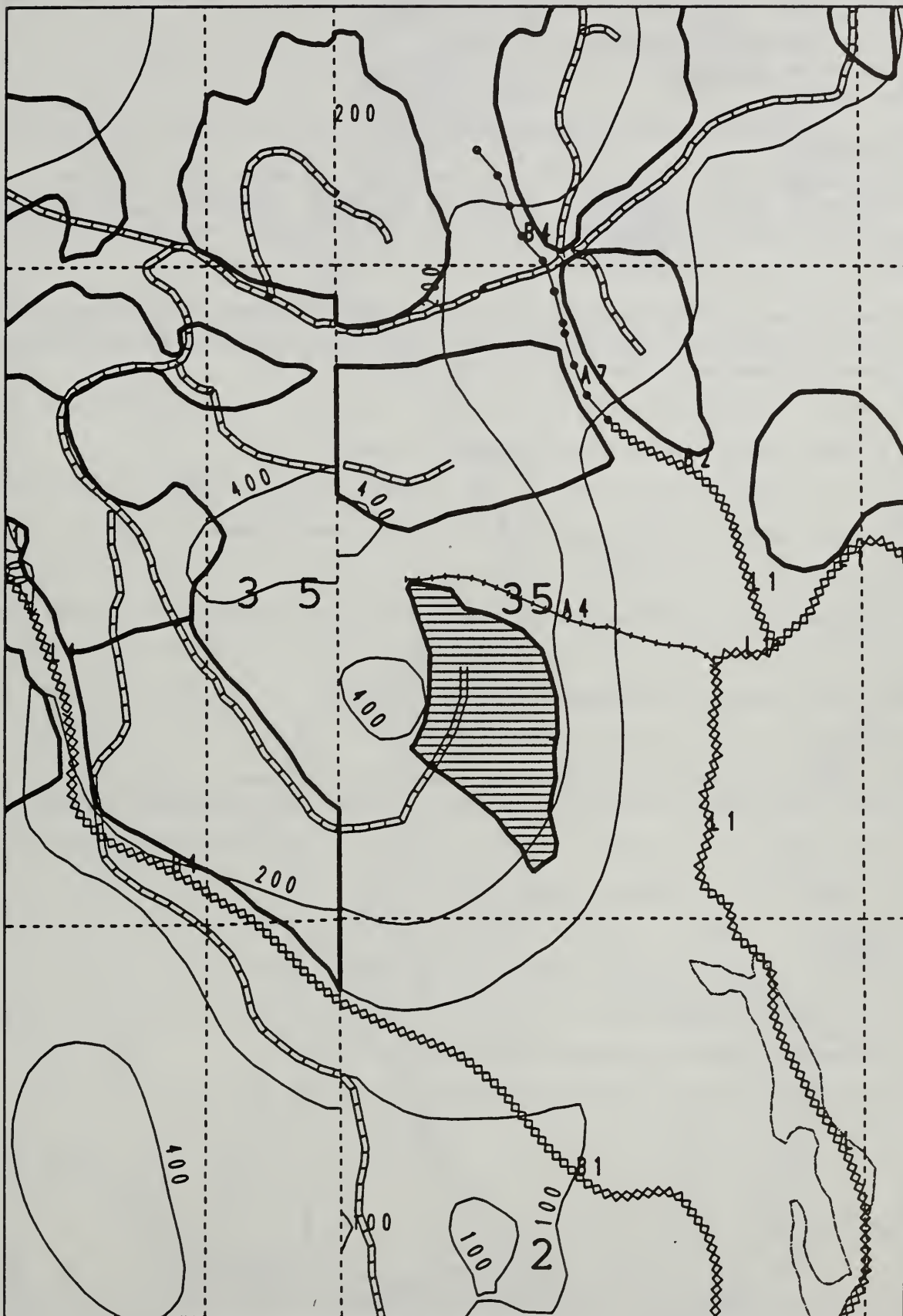
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-227



- UNCLASS. STREAM WITHIN UNITS
- ==== CLASS 1 STREAM
- ... CLASS 2 STREAM
- +--+ CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- \_\_\_\_\_ CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-227</u>	Alternatives considered <u>3 4</u>
Planned acres <u>40</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>935</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190071</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 38 acres VC5 2 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 34 acres Medium 0 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

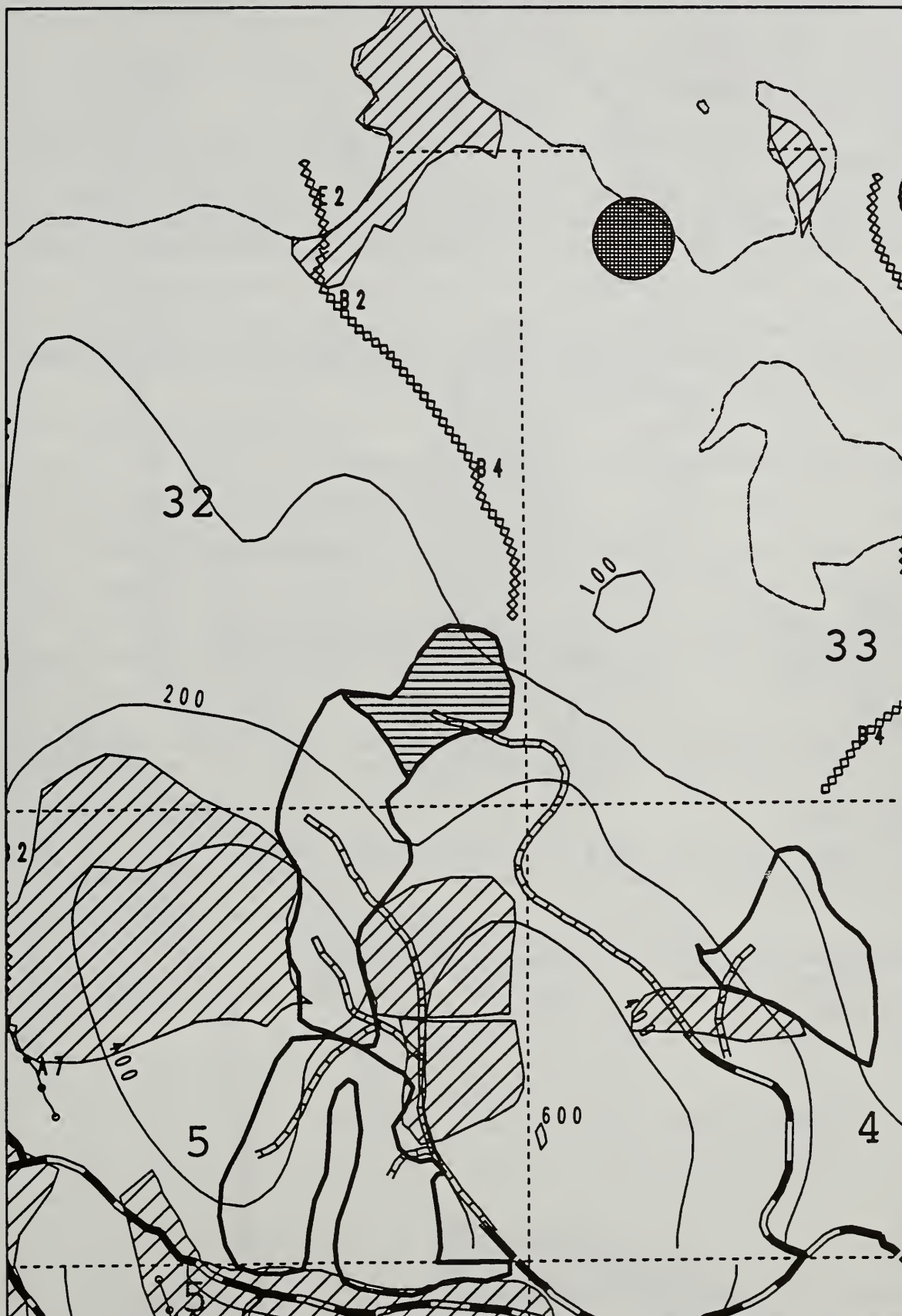
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

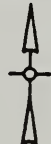
SCALE 1:15840

# UNIT 552-258



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-258</u>	Alternatives considered <u>3</u>
Planned acres <u>19</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>438</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990063</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 19 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 9 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.  
Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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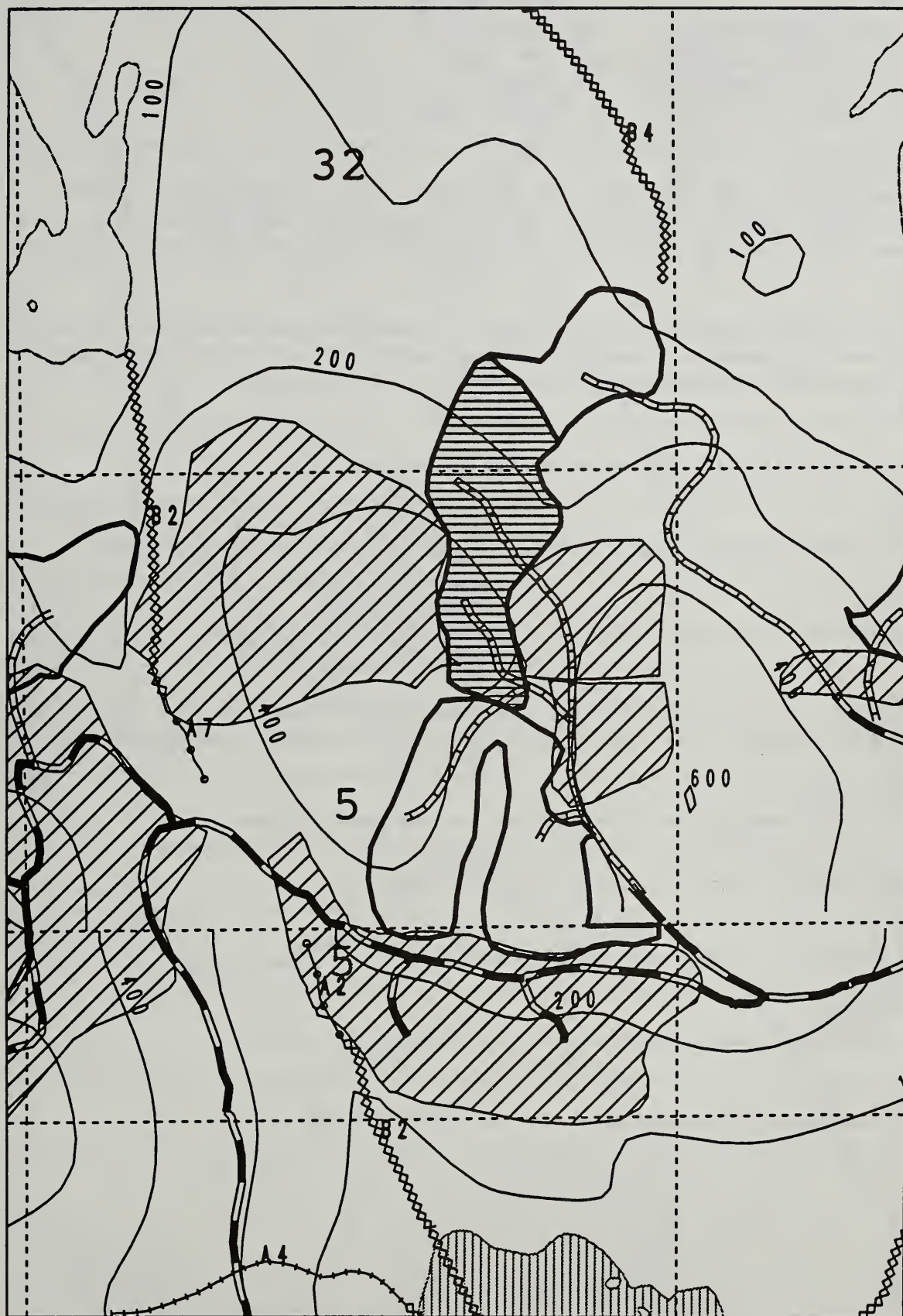
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-259



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-259</u>	Alternatives considered <u>3</u>
Planned acres <u>44</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>1066</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Cedar</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 35 acres VC5 8 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 20 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of M within the viewshed of Clarence Strait (Coffman Cove)  
as viewed from ferry/cruise ship route (2 miles off shore).

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

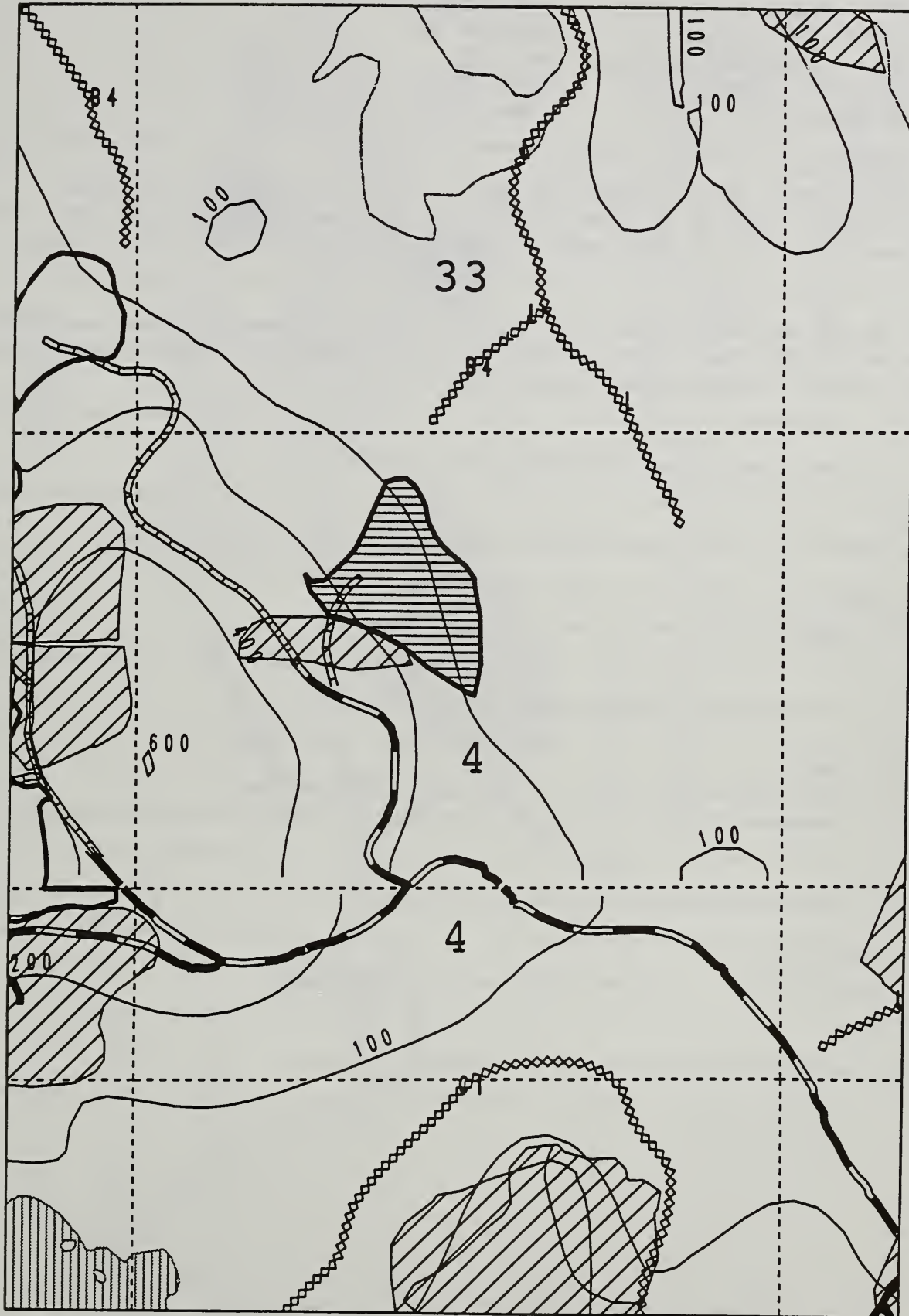
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-262



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| ◇◇◇◇◇     | CLASS 1 STREAM               |
| ×××××     | CLASS 2 STREAM               |
| —●—●—●—   | CLASS 3 STREAM               |
| —————     | EXISTING ROADS               |
| - - - - - | ALTERNATIVE ROAD             |
| ~~~~~     | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |     |               |
|-----|---------------|
|     | UNIT          |
| ■   | EAGLE NEST    |
| /// | PRIOR HARVEST |
|     | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-262</u>	Alternatives considered <u>3 4</u>
Planned acres <u>28</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>972</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990072</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 25 acres VC6 4 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 28 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 16 acres Medium 0 acres High 12 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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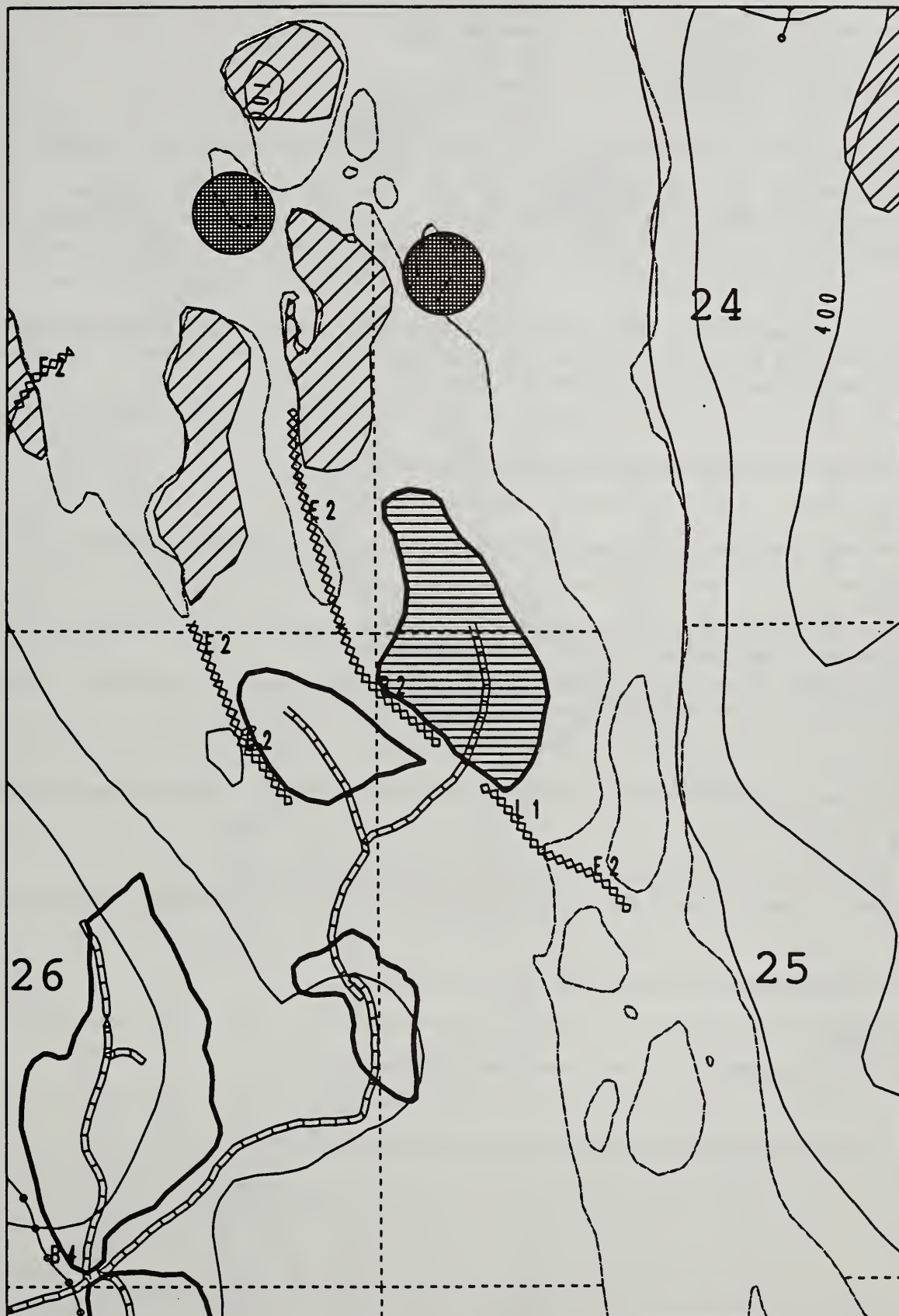
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 552-269



- |           |                              |
|-----------|------------------------------|
| — — — — — | UNCLASS. STREAM WITHIN UNITS |
| ⋈⋈⋈⋈⋈⋈    | CLASS 1 STREAM               |
| —●—●—●—●— | CLASS 2 STREAM               |
| —+—+—+—+— | CLASS 3 STREAM               |
| —■—■—■—■— | EXISTING ROADS               |
| —□—□—□—□— | ALTERNATIVE ROAD             |
| — — — — — | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |

NORTH



- |       |               |
|-------|---------------|
| ▨▨▨▨▨ | UNIT          |
| ■     | EAGLE NEST    |
| ▨▨▨▨▨ | PRIOR HARVEST |
| 〰〰〰〰〰 | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-269</u>	Alternatives considered <u>3</u>
Planned acres <u>43</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>1094</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890102</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a E2 stream. No harvest within 200 feet of estuary.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

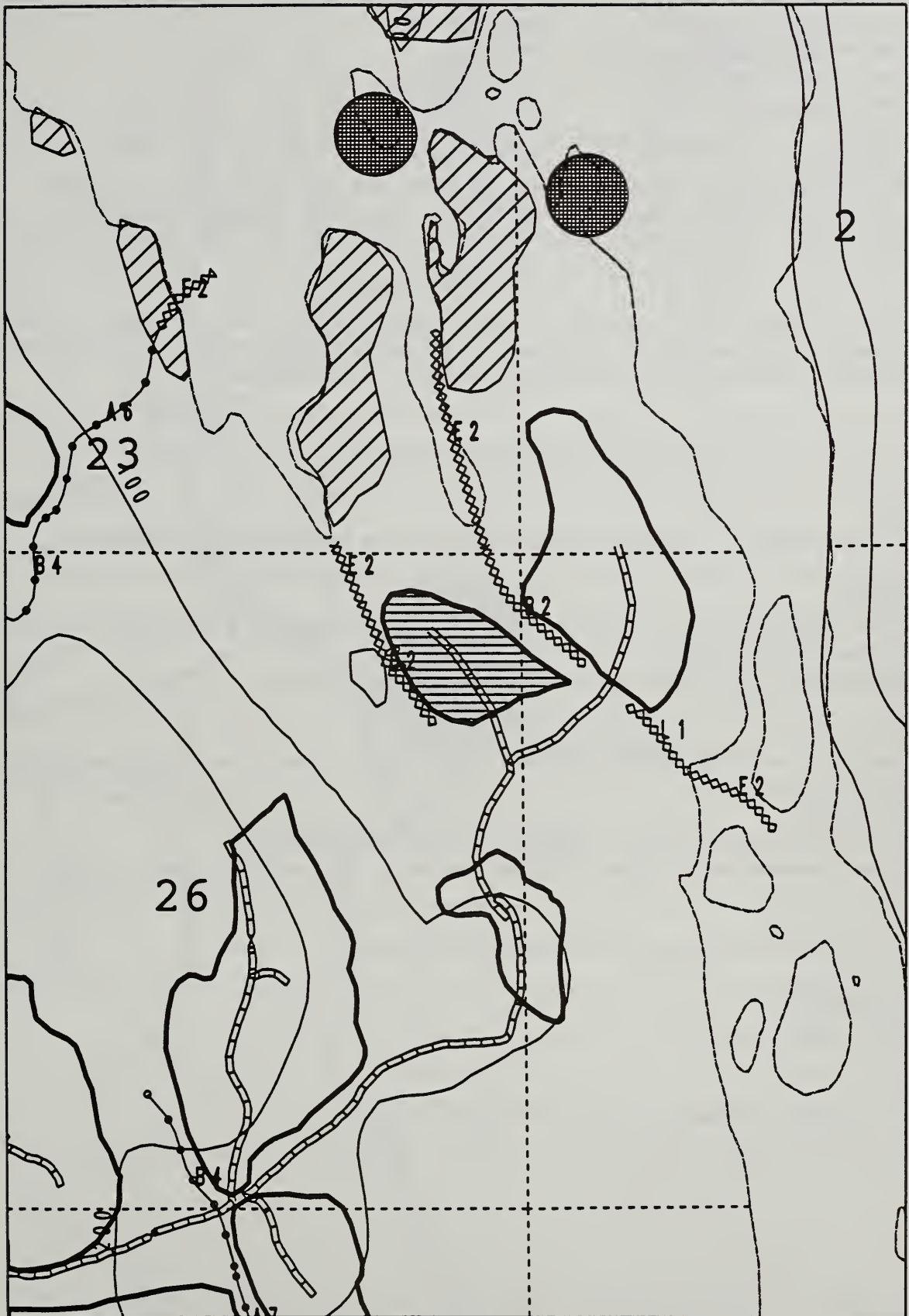
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 552-270



---	UNCLASS. STREAM WITHIN UNITS
-----	CLASS 1 STREAM
-----	CLASS 2 STREAM
-----	CLASS 3 STREAM
-----	EXISTING ROADS
-----	ALTERNATIVE ROAD
-----	CONTOUR LINE
-----	SECTION LINE



-----	UNIT
-----	EAGLE NEST
-----	PRIOR HARVEST
-----	WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-270</u>	Alternatives considered <u>3</u>
Planned acres <u>20</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>524</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890102</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 20 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 8 acres Medium 0 acres High 12 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a E2 stream. No harvest within 200 feet of estuary.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

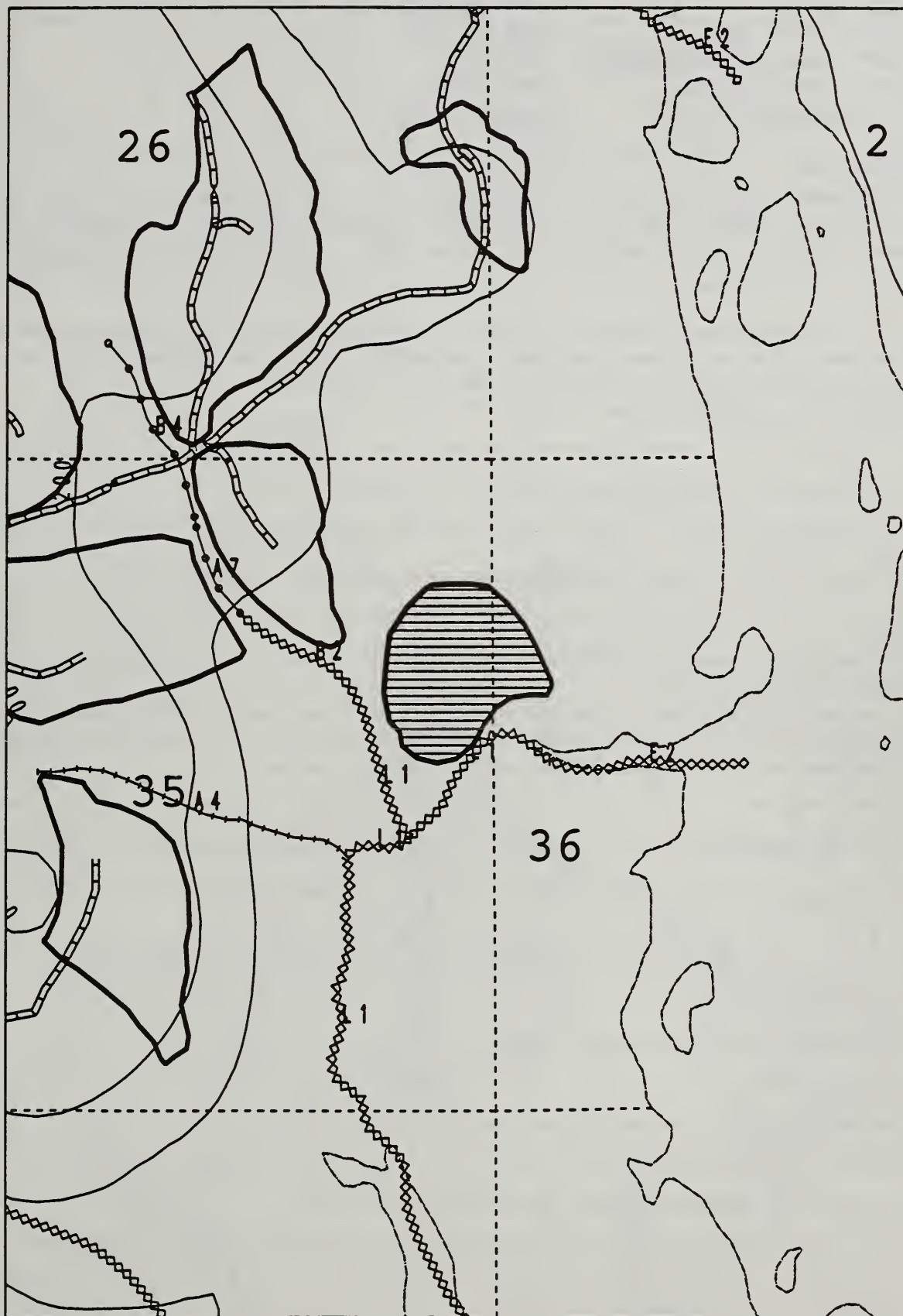
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 552-271



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ ◇ CLASS 1 STREAM
- — — — — CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-271</u>	Alternatives considered <u>3</u>
Planned acres <u>30</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>991</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890104</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 0 acres VC6 22 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 30 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 6 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 3 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a E2 stream. No harvest within 200 feet of estuary.

---

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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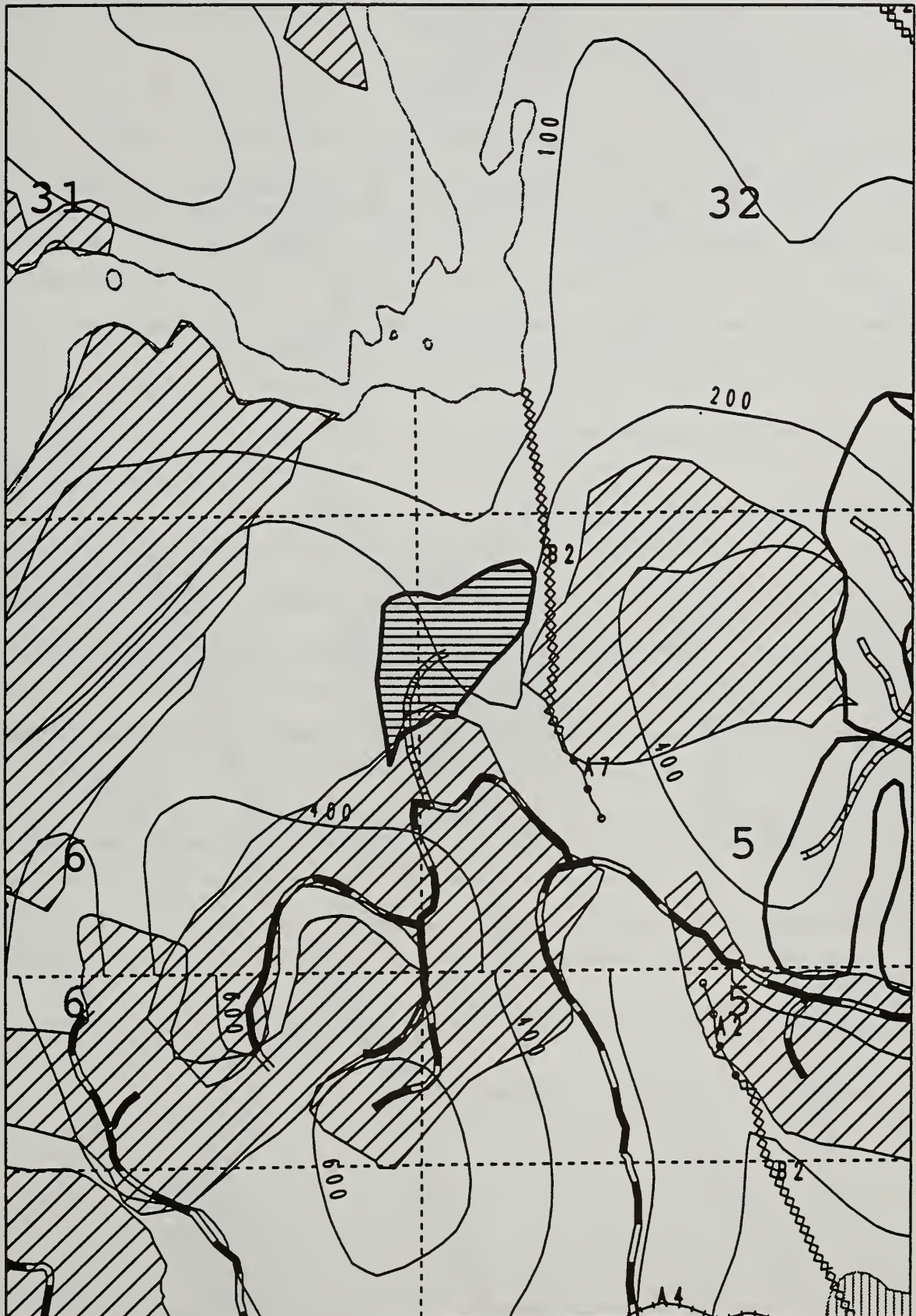
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 552-273



- |             |                              |
|-------------|------------------------------|
| — — — — —   | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○○○    | CLASS 1 STREAM               |
| ● — ● — ● — | CLASS 2 STREAM               |
| — + — + — + | CLASS 3 STREAM               |
| — — — — —   | EXISTING ROADS               |
| — — — — —   | ALTERNATIVE ROAD             |
| — — — — —   | CONTOUR LINE                 |
| - - - - -   | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>552-273</u>	Alternatives considered <u>3 4</u>
Planned acres <u>24</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>990</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990062</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 14 acres VC7 9 acres  
Elevation breakdown: 0-800 ft. 24 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 8 acres Medium 16 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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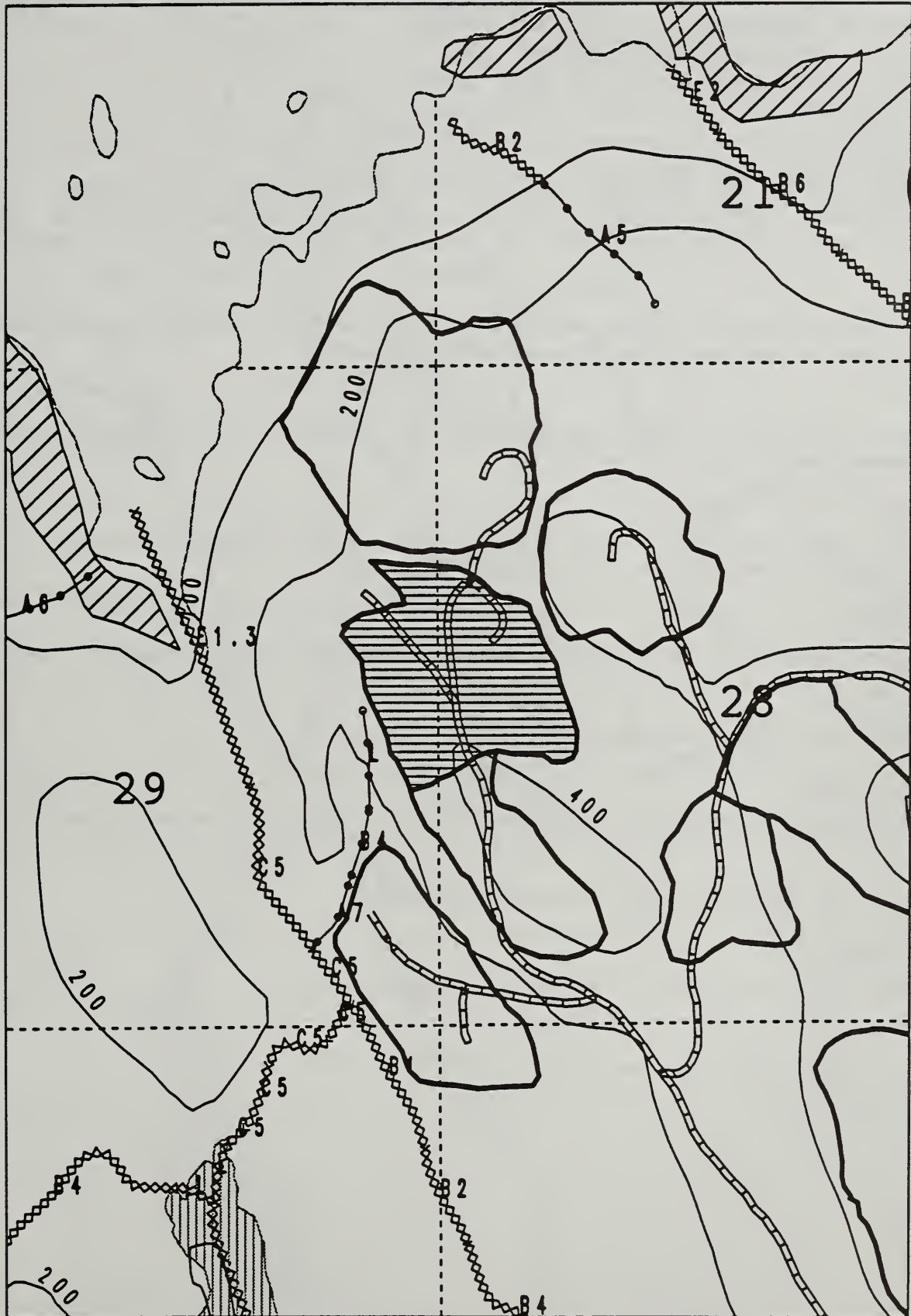
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-200



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-200</u>	Alternatives considered <u>3</u>
Planned acres <u>51</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1051</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190018</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 48 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 51 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 51 acres Medium 0 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs 13.9, 13.16).

---

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.

---

FISH/WATERSHED

Immediately adjacent to a B4 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

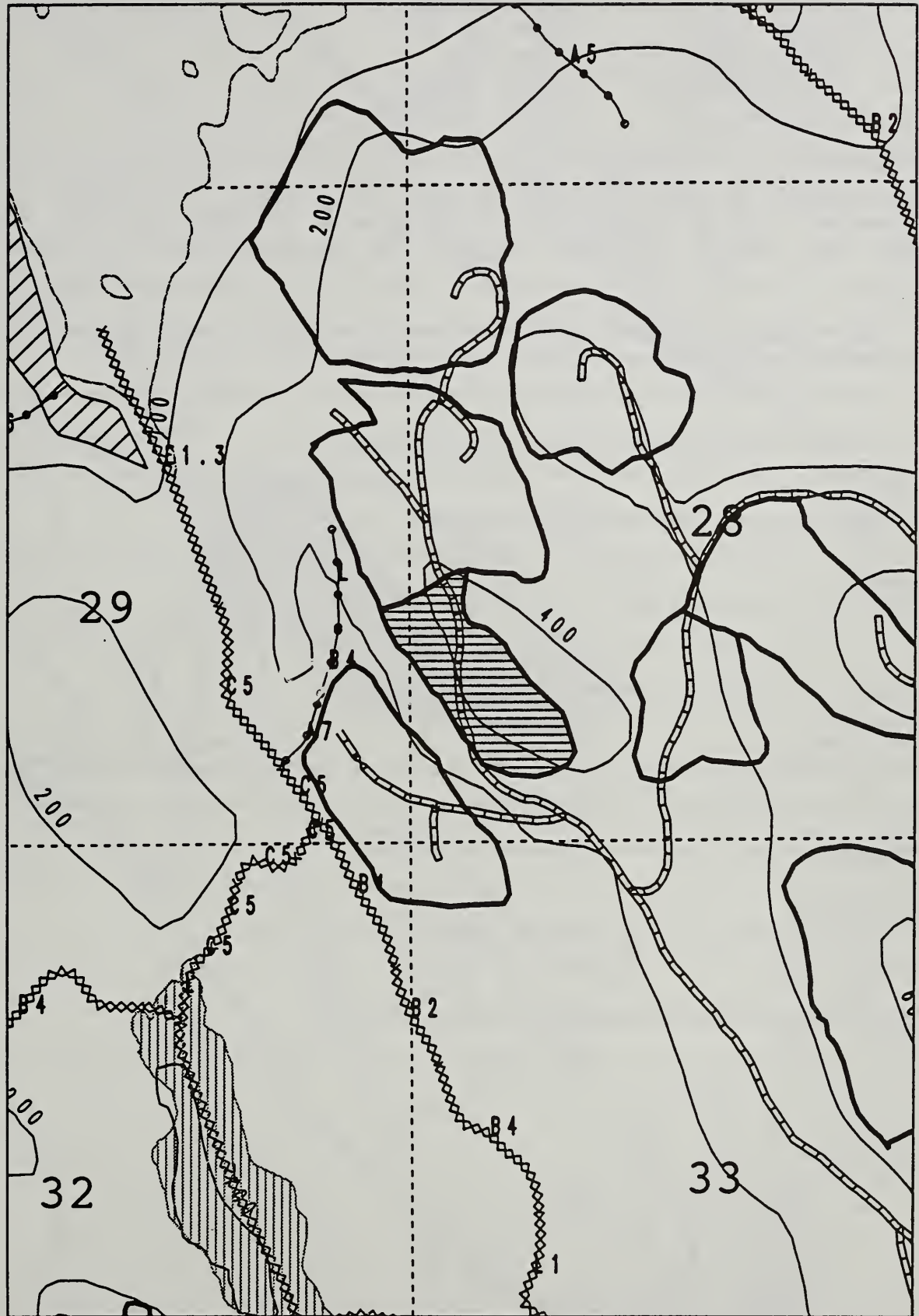
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-201</u>	Alternatives considered <u>3 4</u>
Planned acres <u>27</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>569</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190019</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 13 acres Medium 14 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 553-202



- - - - - UNCLASS. STREAM WITHIN UNITS  
 . . . . . CLASS 1 STREAM  
 . . . . . CLASS 2 STREAM  
 . . . . . CLASS 3 STREAM  
 - - - - - EXISTING ROADS  
 - - - - - ALTERNATIVE ROAD  
 - - - - - CONTOUR LINE  
 - - - - - SECTION LINE



[Hatched Box] UNIT  
 [Cross-hatched Box] EAGLE NEST  
 [Diagonal Lines Box] PRIORITY HARVEST  
 [Vertical Lines Box] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-202</u>	Alternatives considered <u>3 4</u>
Planned acres <u>67</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1467</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190019</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 64 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 67 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 31 acres Medium 0 acres High 36 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 56 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQ0 of M within the viewshed of Whale Pass  
as viewed from 1/2 mile from shore.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

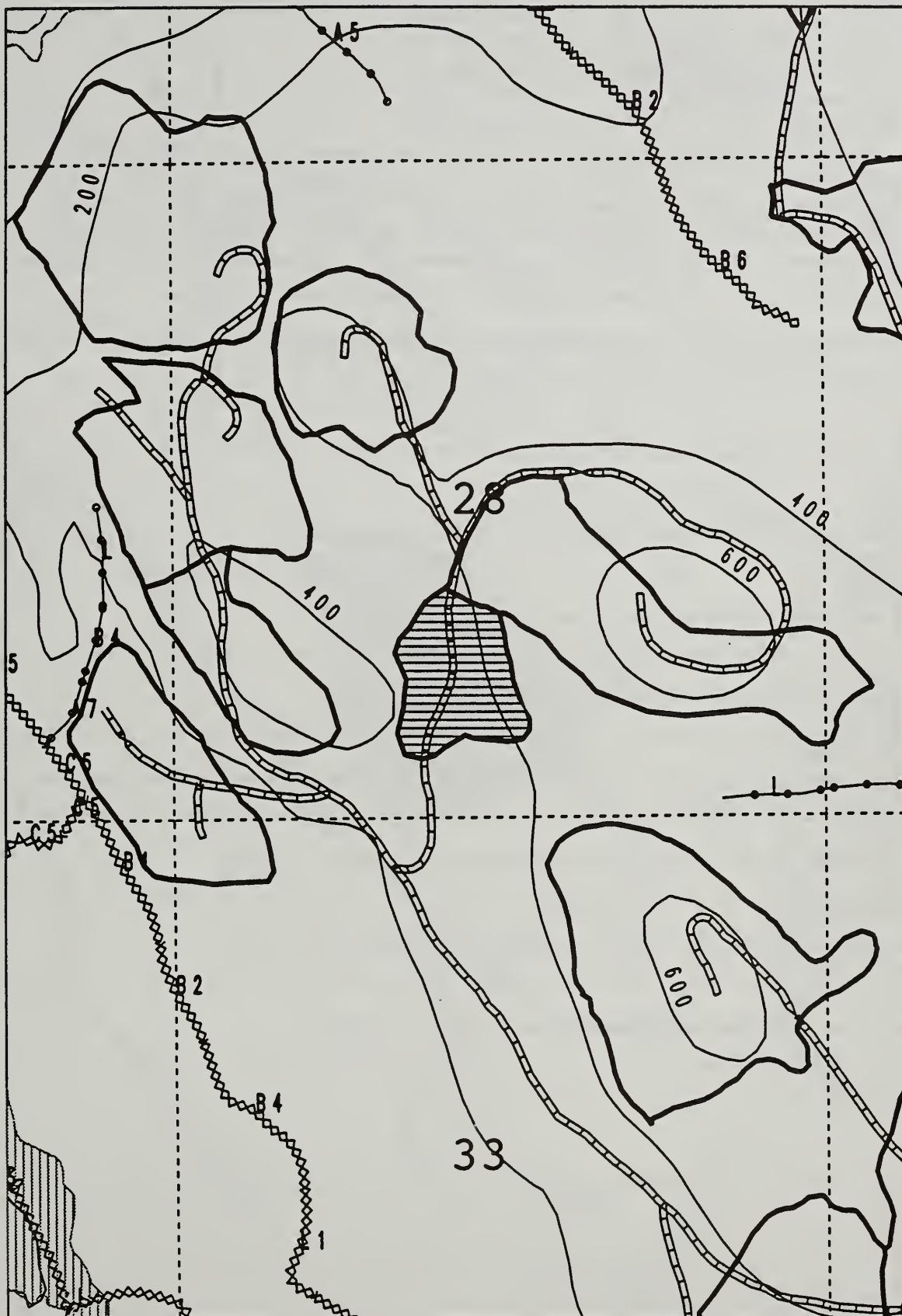
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 553-203



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-203</u>	Alternatives considered <u>3 4</u>
Planned acres <u>24</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>525</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190020</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 24 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 24 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 2 acres Very High 0 acres

SOILS

This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

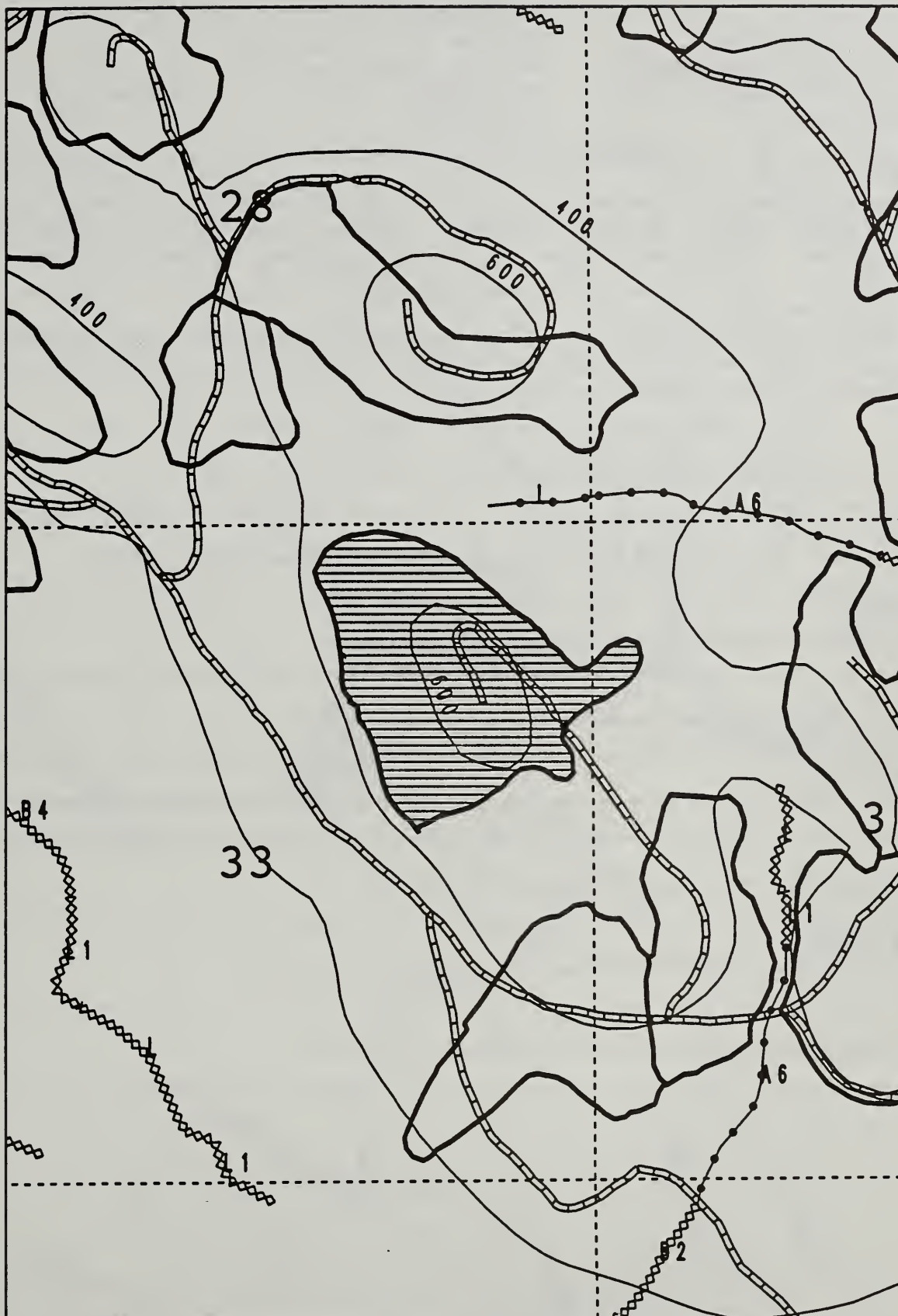
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 553-205



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-205</u>	Alternatives considered <u>3 4</u>
Planned acres <u>78</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1664</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190020</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 76 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 78 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 48 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 69 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

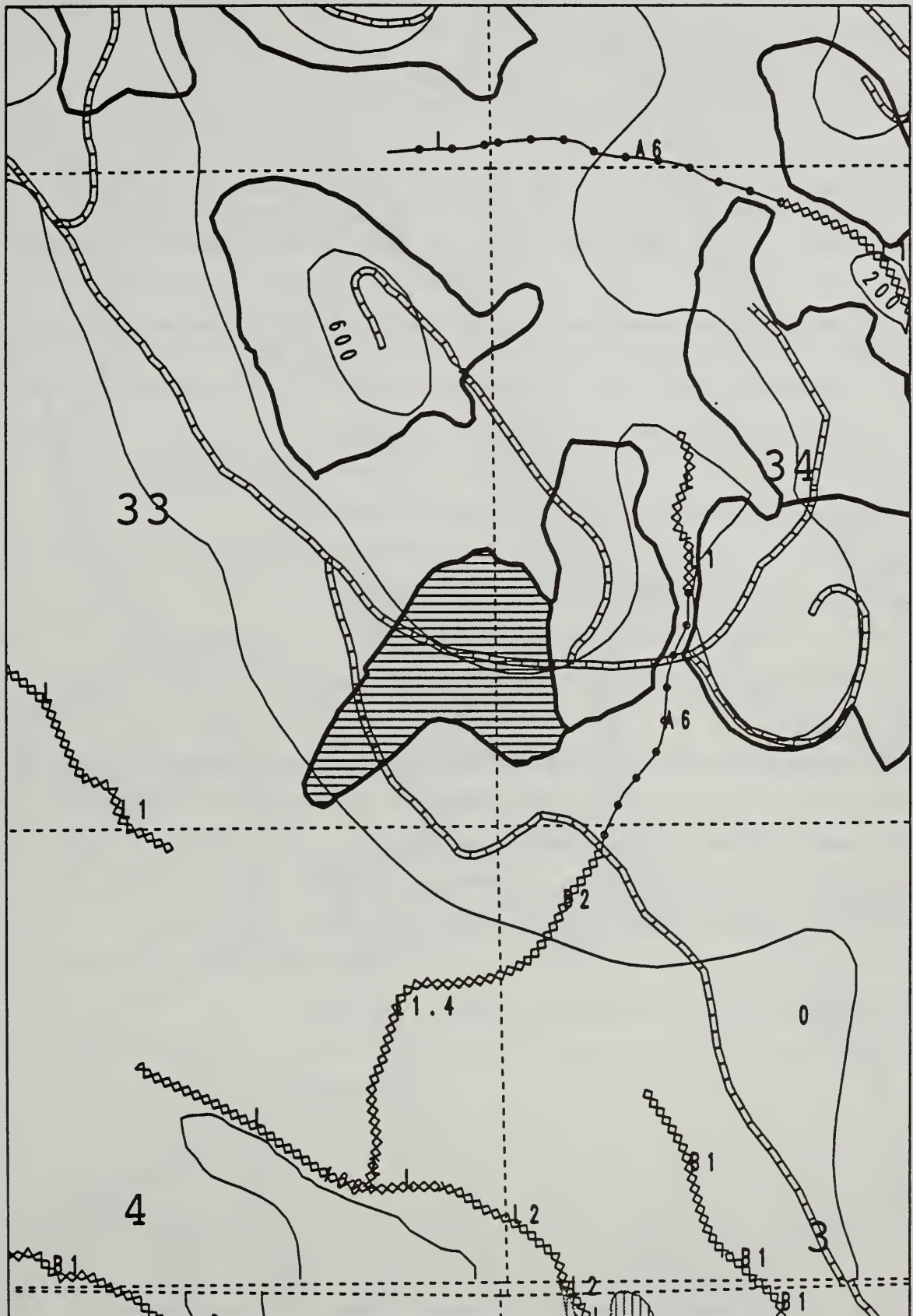
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

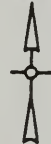
SCALE 1:15840

UNIT 553-207



- |               |                              |  |               |
|---------------|------------------------------|--|---------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |  | UNIT          |
| — x — x — x — | CLASS 1 STREAM               |  | EAGLE NEST    |
| — • — • — • — | CLASS 2 STREAM               |  | PRIOR HARVEST |
| — + — + — + — | CLASS 3 STREAM               |  | WATER         |
| — — — — —     | EXISTING ROADS               |  |               |
| - - - - -     | ALTERNATIVE ROAD             |  |               |
| — — — — —     | CONTOUR LINE                 |  |               |
| - - - - -     | SECTION LINE                 |  |               |

NORTH





UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-207</u>	Alternatives considered <u>3 4</u>
Planned acres <u>51</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1094</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190020</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 50 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 51 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 51 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 48 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

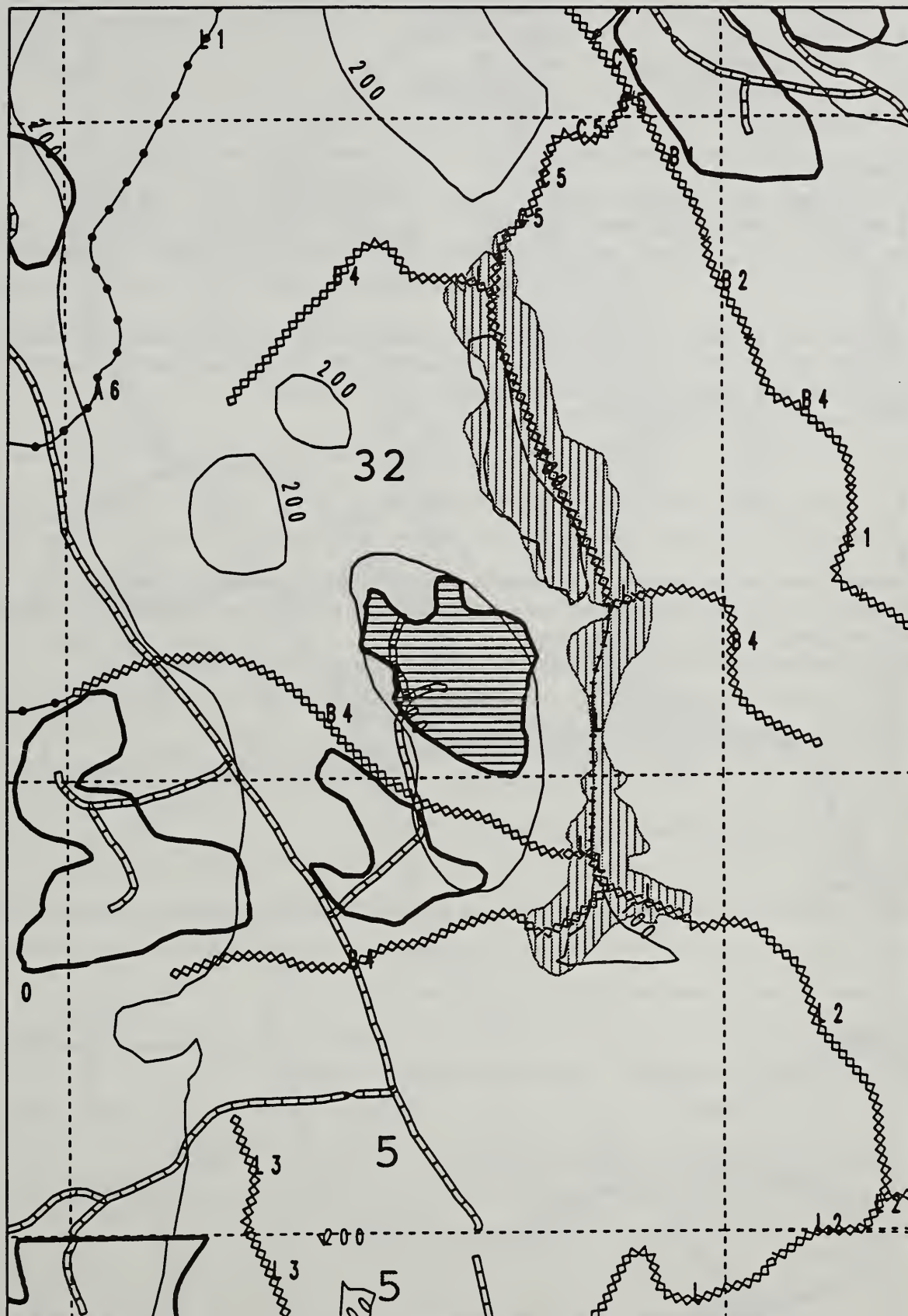
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 553-208



- - - - - UNCLASS. STREAM WITHIN UNITS  
 - - - - - CLASS 1 STREAM  
 - - - - - CLASS 2 STREAM  
 - - - - - CLASS 3 STREAM  
 - - - - - EXISTING ROADS  
 - - - - - ALTERNATIVE ROAD  
 - - - - - CONTOUR LINE  
 - - - - - SECTION LINE



[Hatched Box] UNIT  
 [Cross-hatch Box] EAGLE NEST  
 [Diagonal Line Box] PRIOR HARVEST  
 [Vertical Line Box] WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-208</u>	Alternatives considered <u>3</u>
Planned acres <u>31</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>657</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 30 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 20 acres Medium 0 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 18 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B4 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

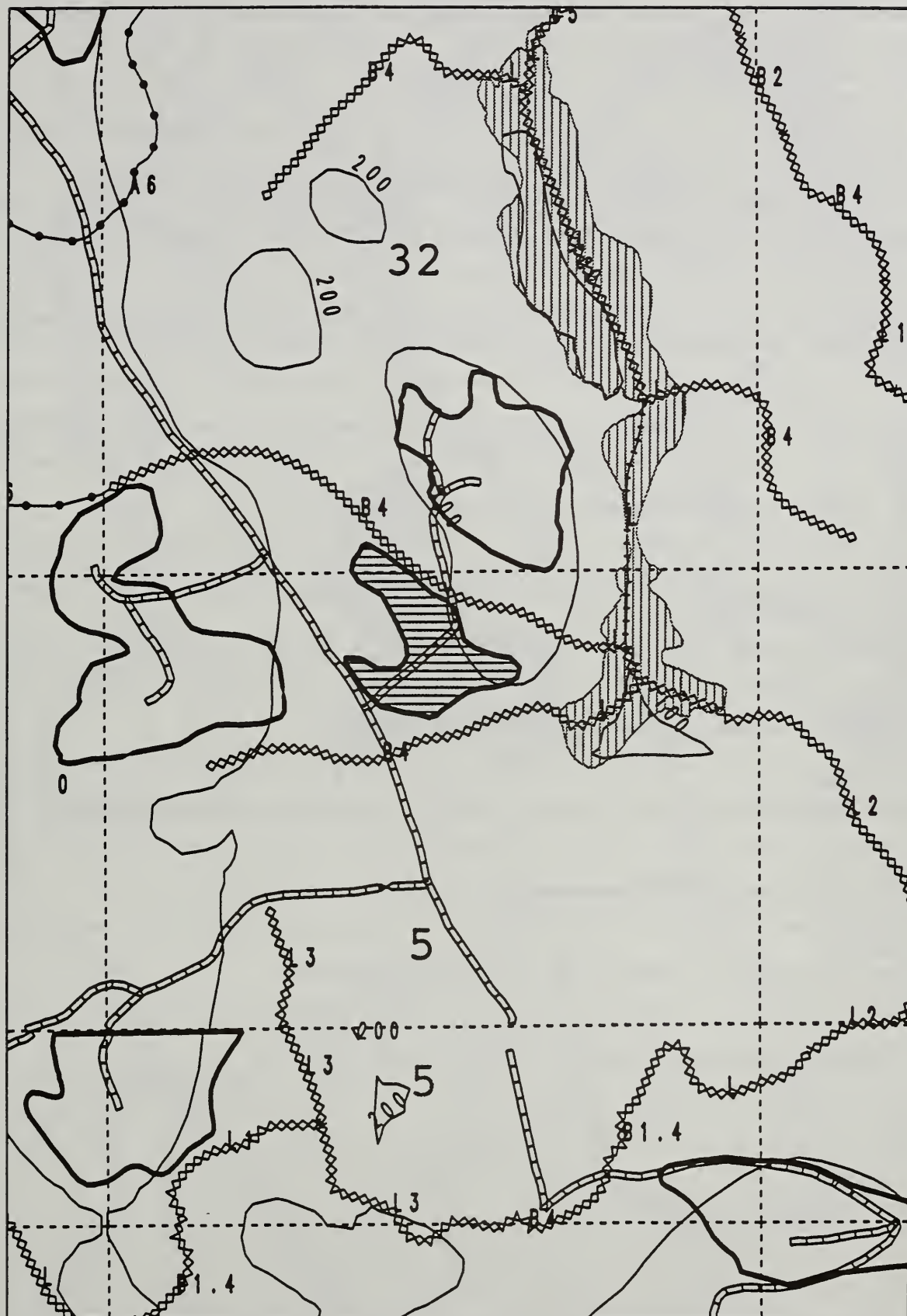
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



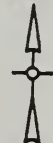
SCALE 1:15840

# UNIT 553-209



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-209</u>	Alternatives considered <u>3</u>
Planned acres <u>19</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>394</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190104</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 18 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 19 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 8 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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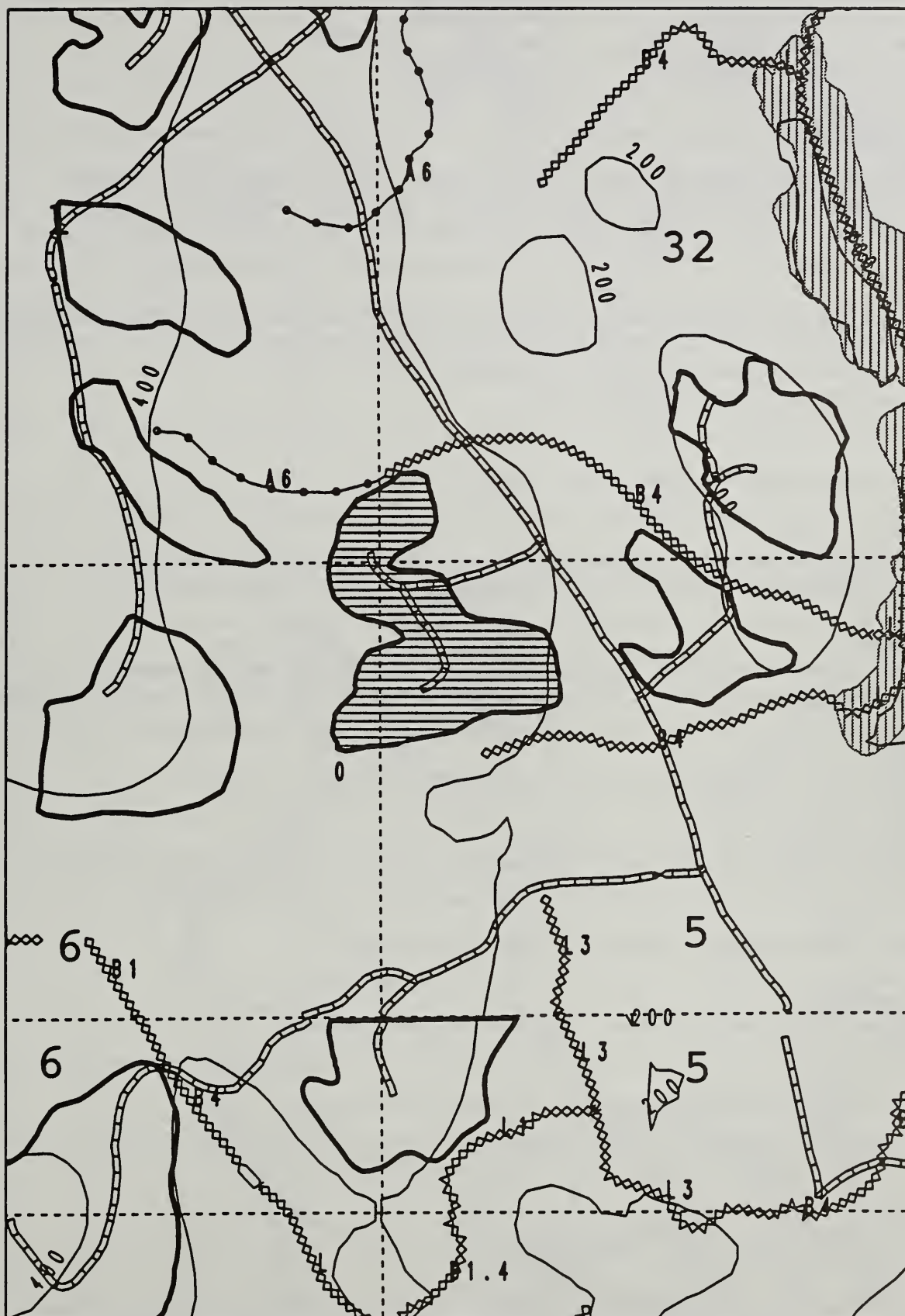
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-211



- UNCLASS. STREAM WITHIN UNITS
- - - - - CLASS 1 STREAM
- - - - - CLASS 2 STREAM
- - - - - CLASS 3 STREAM
- ===== EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- ===== CONTOUR LINE
- - - - - SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-211</u>	Alternatives considered <u>3</u>
Planned acres <u>50</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>1051</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 48 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 50 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 34 acres Medium 0 acres High 16 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 27 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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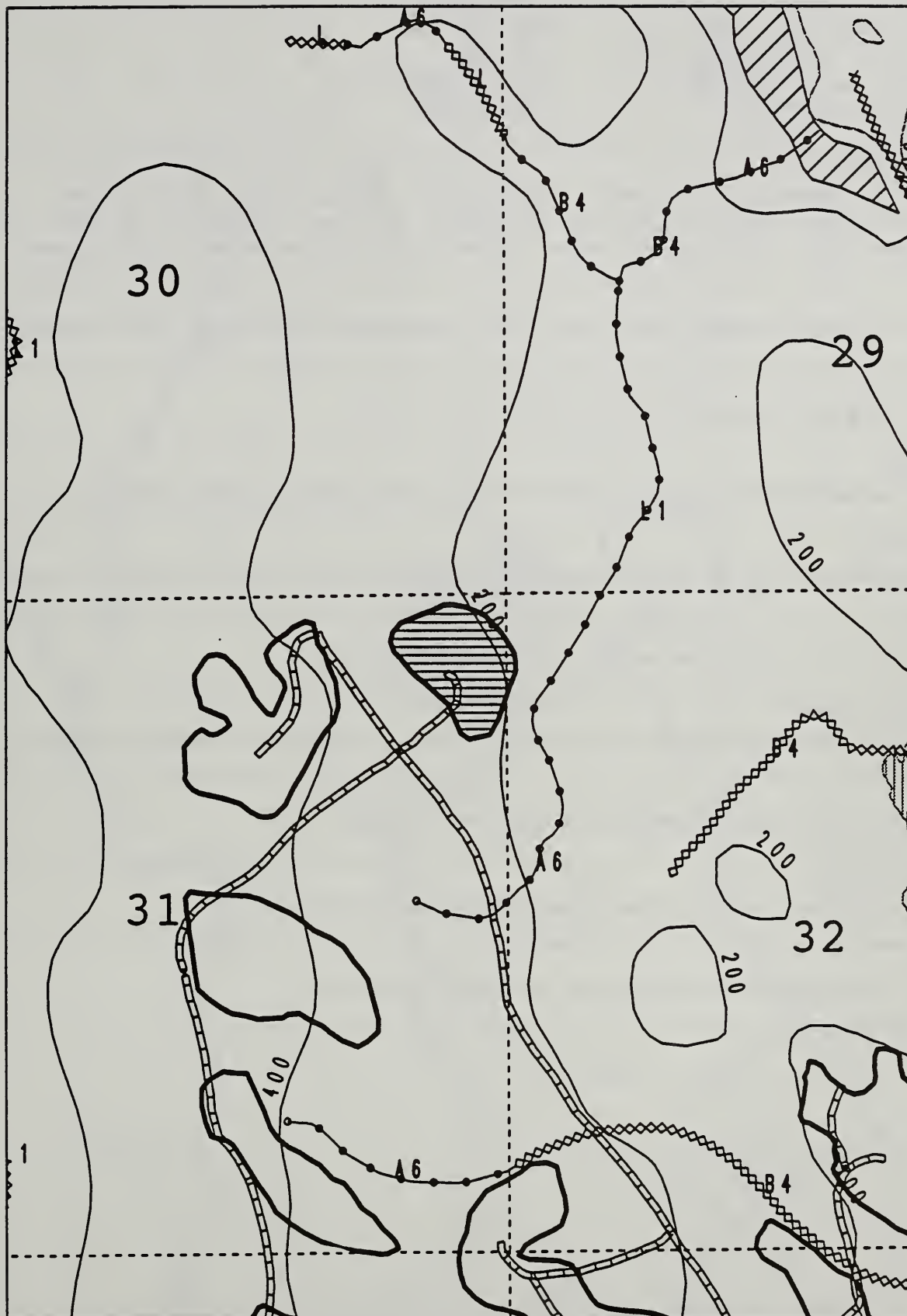
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-212



- |           |                              |
|-----------|------------------------------|
|           | UNCLASS. STREAM WITHIN UNITS |
| ◇◇◇◇◇     | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| =====     | EXISTING ROADS               |
| ====+==== | ALTERNATIVE ROAD             |
| —————     | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |

NORTH



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ▨▨▨▨▨ | EAGLE NEST    |
| ▧▧▧▧▧ | PRIOR HARVEST |
|       | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-212</u>	Alternatives considered <u>3</u>
Planned acres <u>15</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>492</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 15 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 15 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 8 acres Medium 0 acres High 7 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

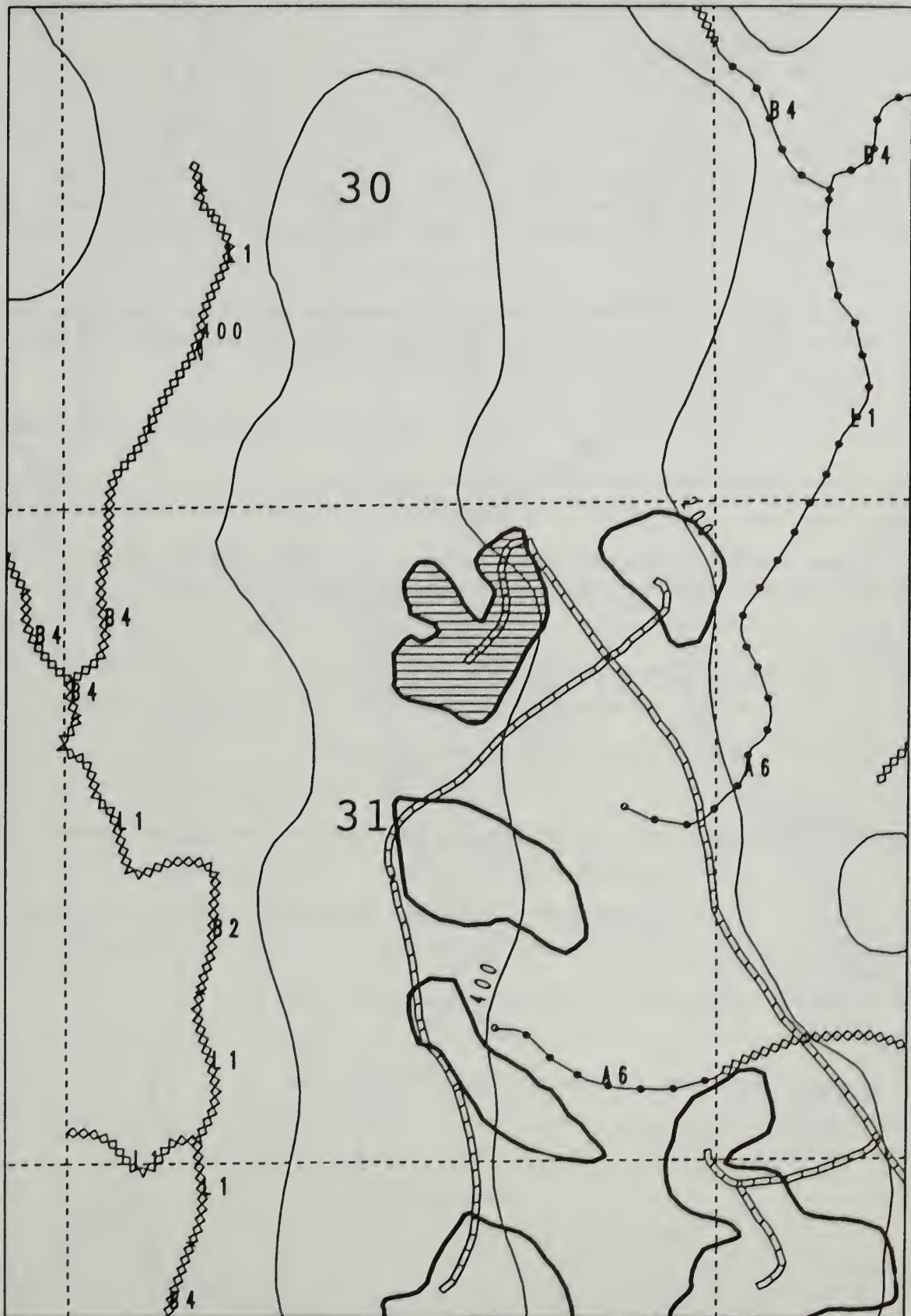
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 553-213



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-213</u>	Alternatives considered <u>3</u>
Planned acres <u>26</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>547</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 25 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 26 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 7 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 12 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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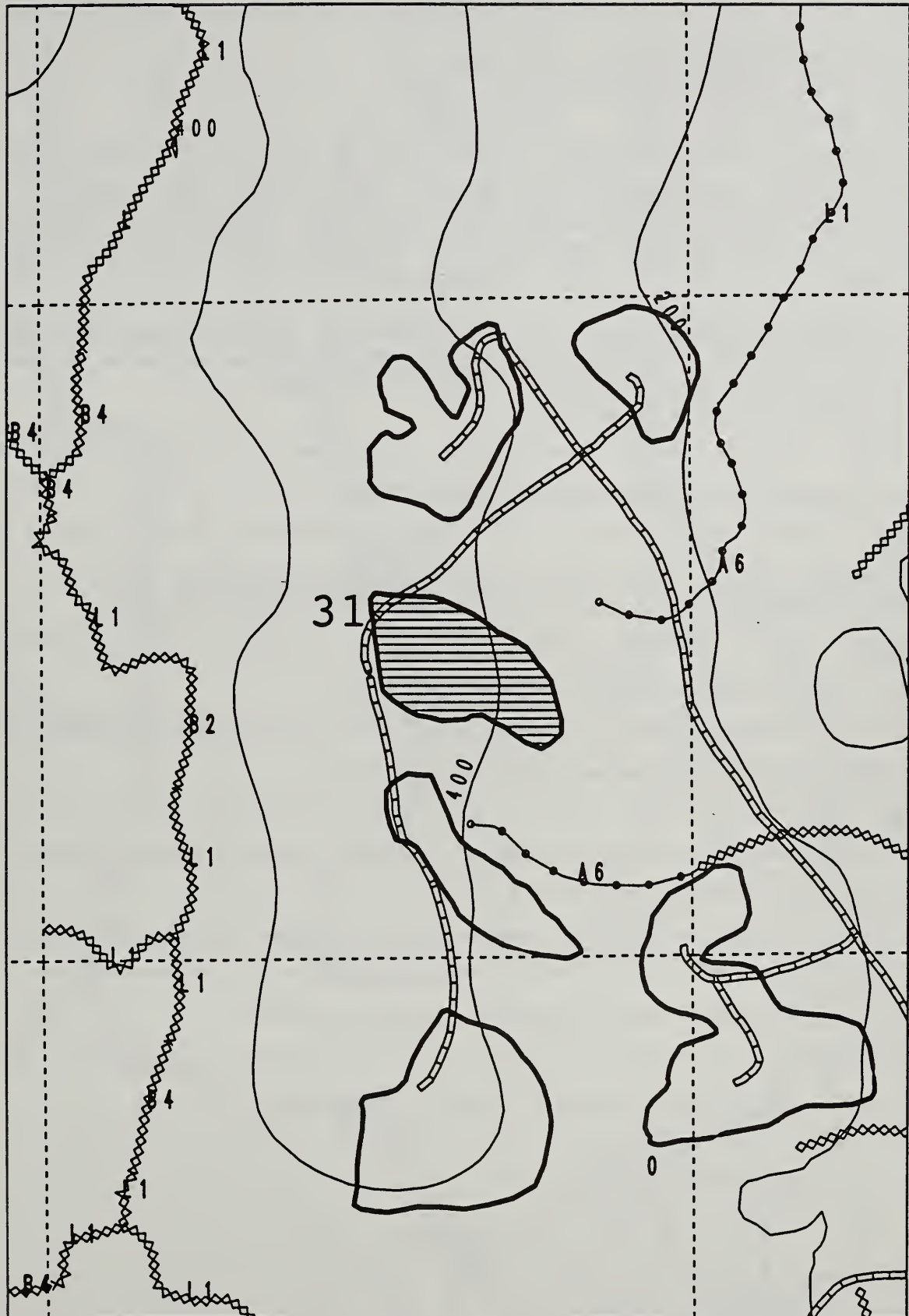
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-214



- - - - - UNCLASS. STREAM WITHIN UNITS  
 - x - x - x - CLASS 1 STREAM  
 - . - . - . CLASS 2 STREAM  
 - + - + - + CLASS 3 STREAM  
 - - - - - EXISTING ROADS  
 - x - x - x - ALTERNATIVE ROAD  
 - - - - - CONTOUR LINE  
 - - - - - SECTION LINE



[Horizontal lines] UNIT  
 [Cross-hatch] EAGLE NEST  
 [Diagonal lines] PRIOR HARVEST  
 [Vertical lines] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-214</u>	Alternatives considered <u>3</u>
Planned acres <u>27</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>525</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 24 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 10 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 17 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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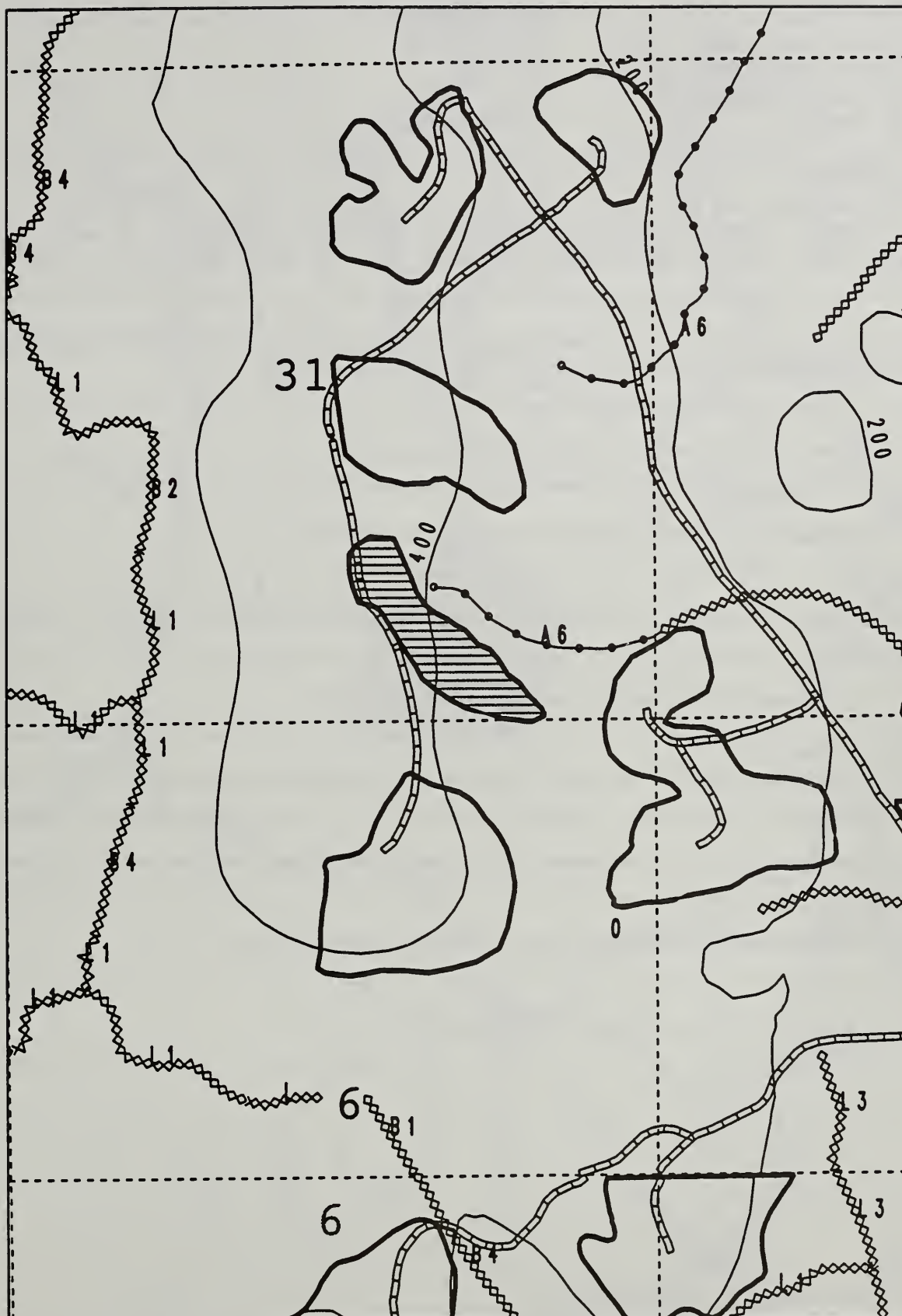
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-215</u>	Alternatives considered <u>3</u>
Planned acres <u>18</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>350</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 16 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 9 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

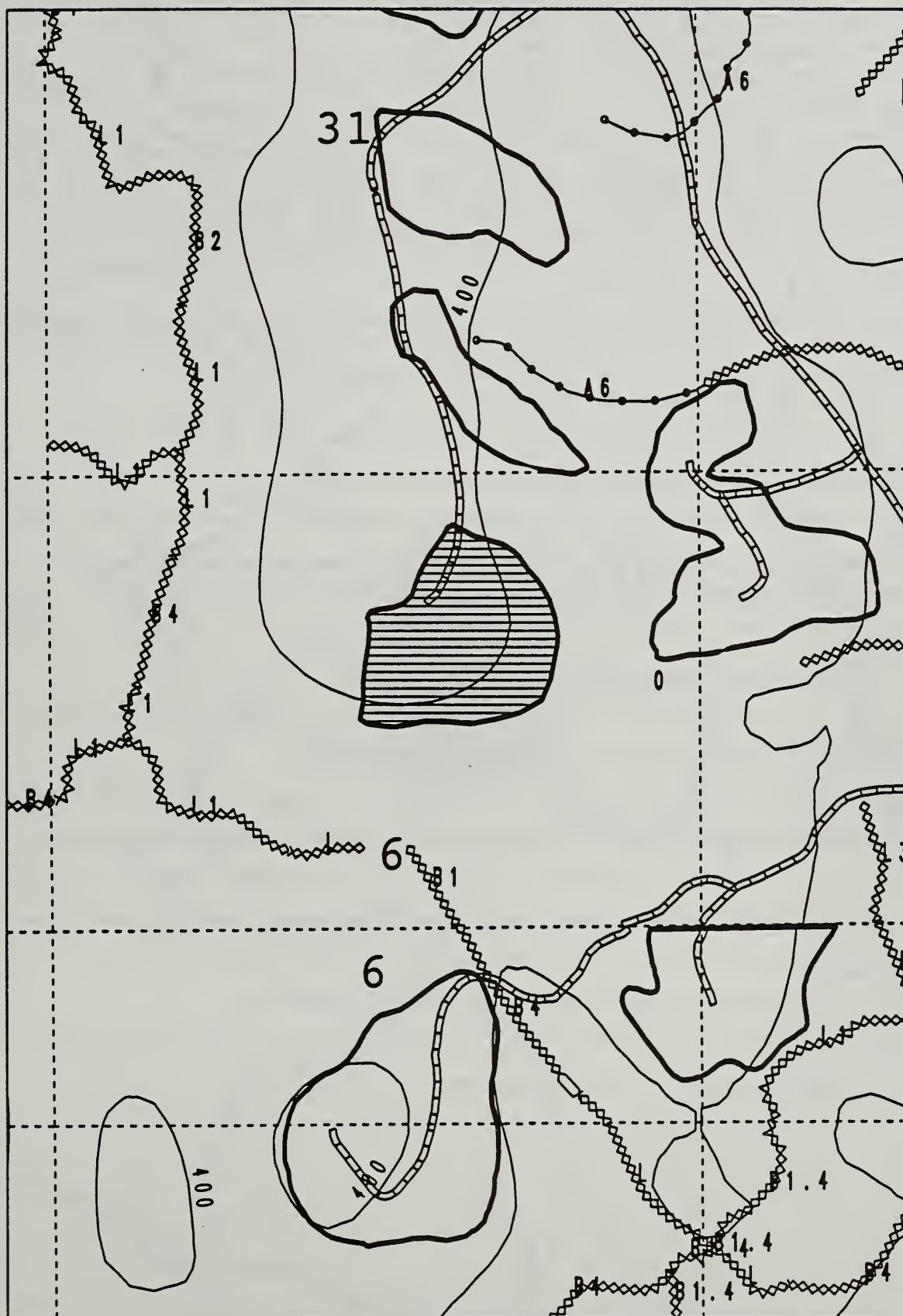
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 553-216



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-216</u>	Alternatives considered <u>3</u>
Planned acres <u>43</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>897</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190103</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 41 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 0 acres High 17 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 28 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

CULTURAL RESOURCES

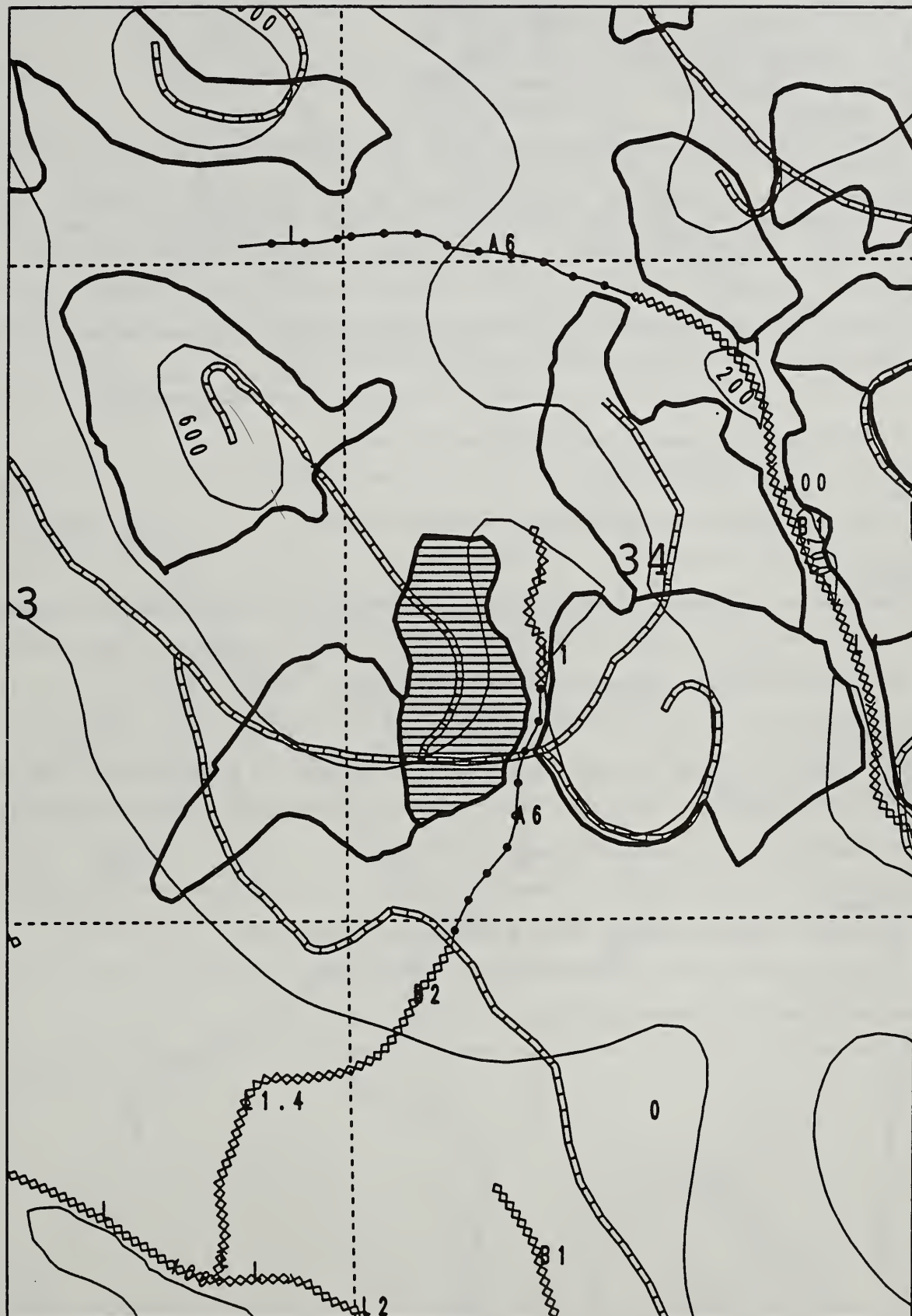
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 553-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-219</u>	Alternatives considered <u>4</u>
Planned acres <u>41</u>	Quad <u>PBGA4SES</u>
Estimated volume (mbf) <u>876</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190020</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 40 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 41 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 41 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 35 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

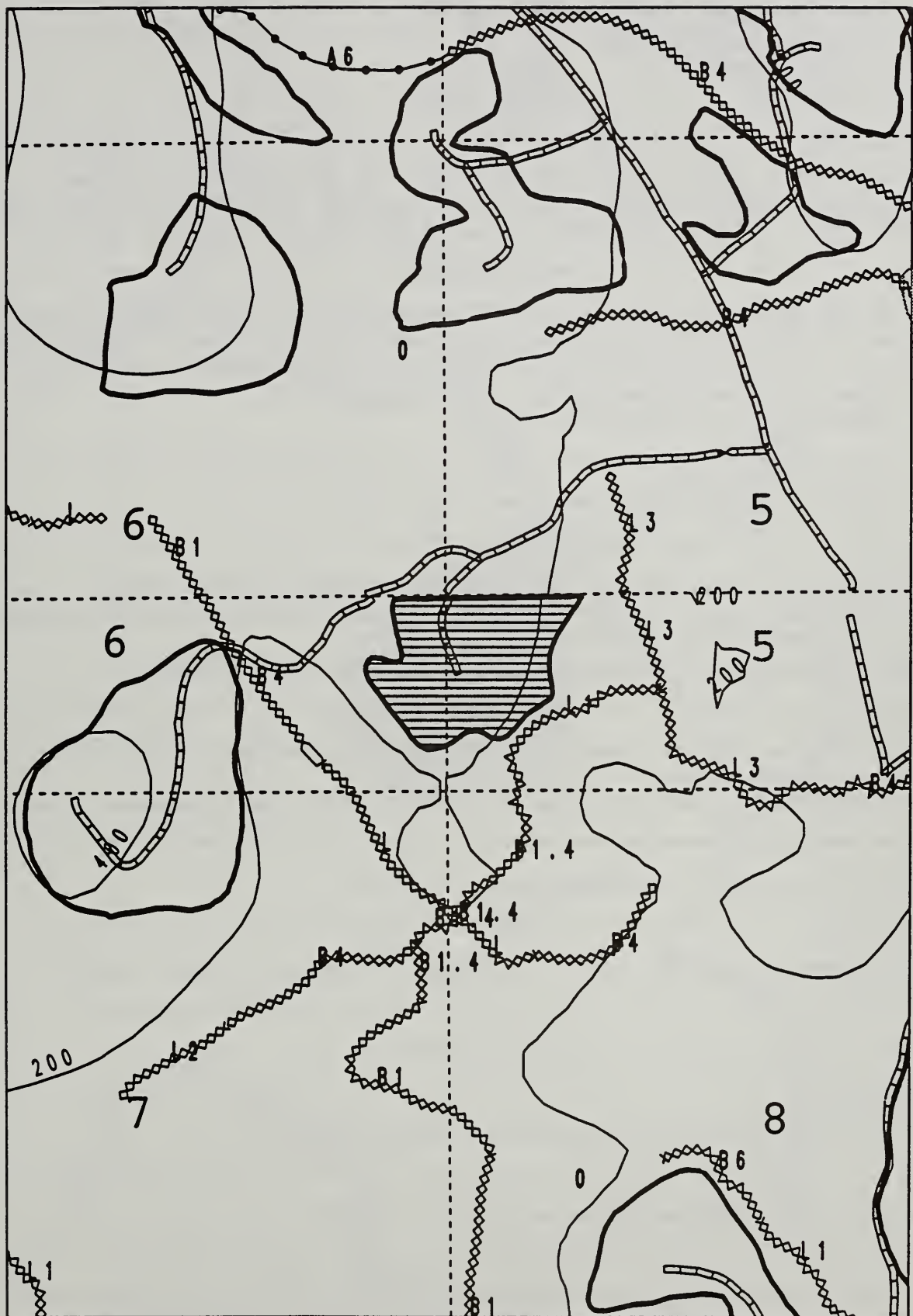
CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 553-221



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-221</u>	Alternatives considered <u>2 3</u>
Planned acres <u>34</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1006</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 34 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 20 acres Medium 0 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 24 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a L3 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

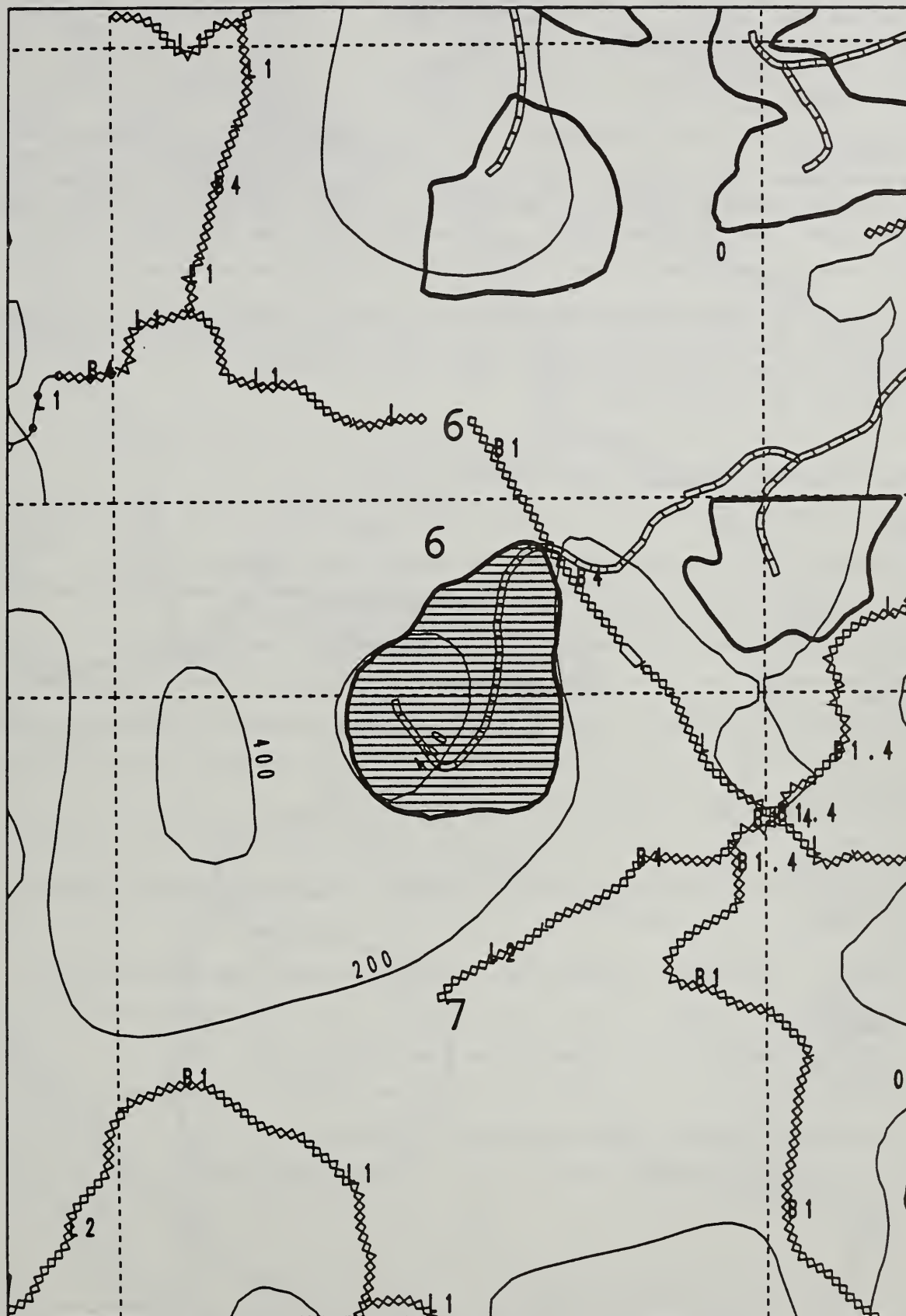
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 553-222



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-222</u>	Alternatives considered <u>2 3</u>
Planned acres <u>65</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1423</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190105</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 65 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 65 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 30 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 50 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B4 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds, proposed for this project.

---

LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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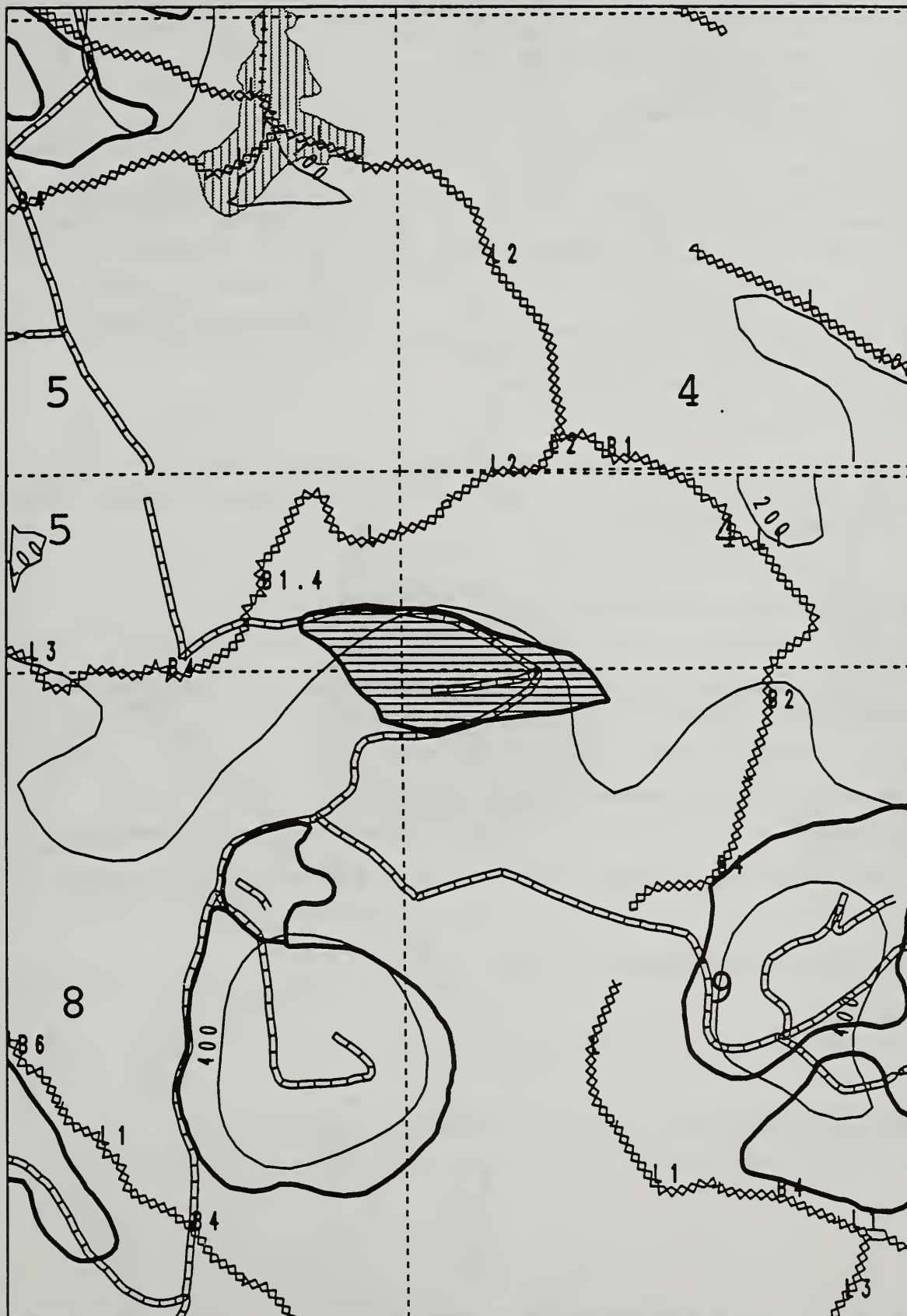
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-228



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- ××××× CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-228</u>	Alternatives considered <u>2</u>
Planned acres <u>35</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1028</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 11 acres VC5 24 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 27 acres High 1 acres Very High 0 acres

---

SOILS

This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

---

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.  
Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs13.9, 13.16).

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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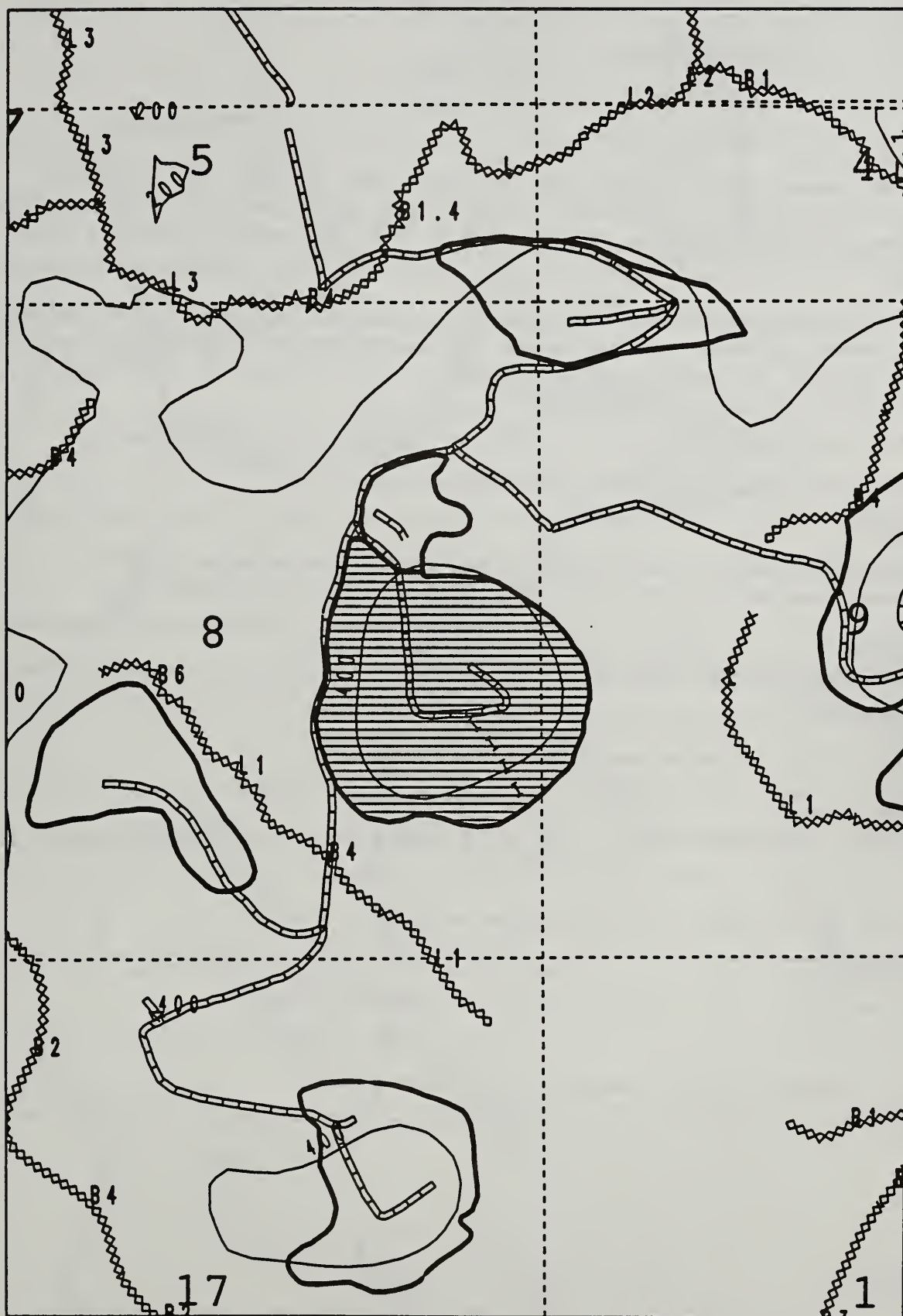
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-232



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-232</u>	Alternatives considered <u>2 3</u>
Planned acres <u>86</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>2220</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190106</u>
Forest type <u>Cedar</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 46 acres VC5 37 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 86 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 52 acres Medium 0 acres High 34 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 28 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 62 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

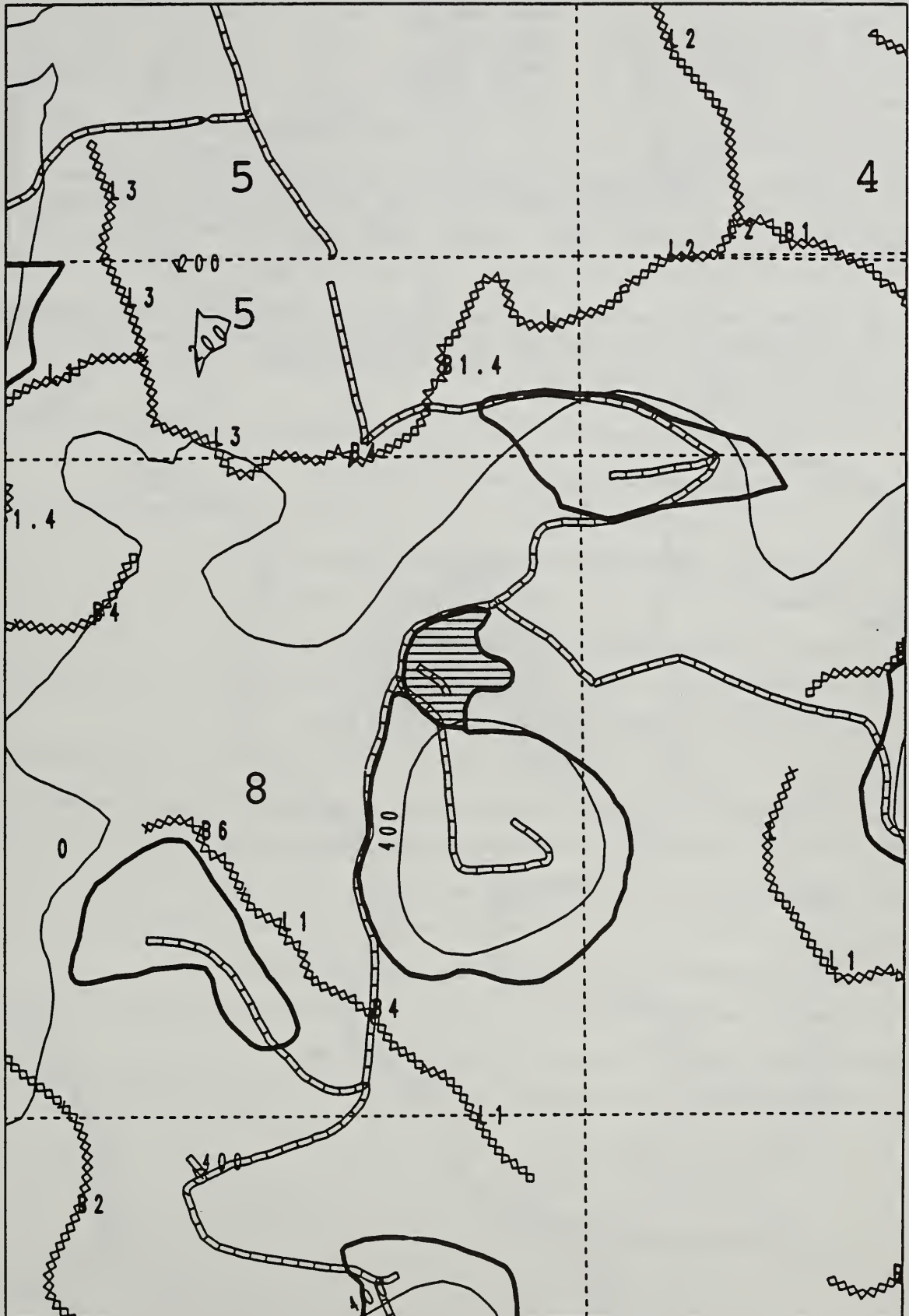
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-233



- UNCLASS. STREAM WITHIN UNITS
- ==== CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-233</u>	Alternatives considered <u>2 3</u>
Planned acres <u>12</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>273</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190106</u>
Forest type <u>Cedar</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 3 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 12 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 2 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 6 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 3 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

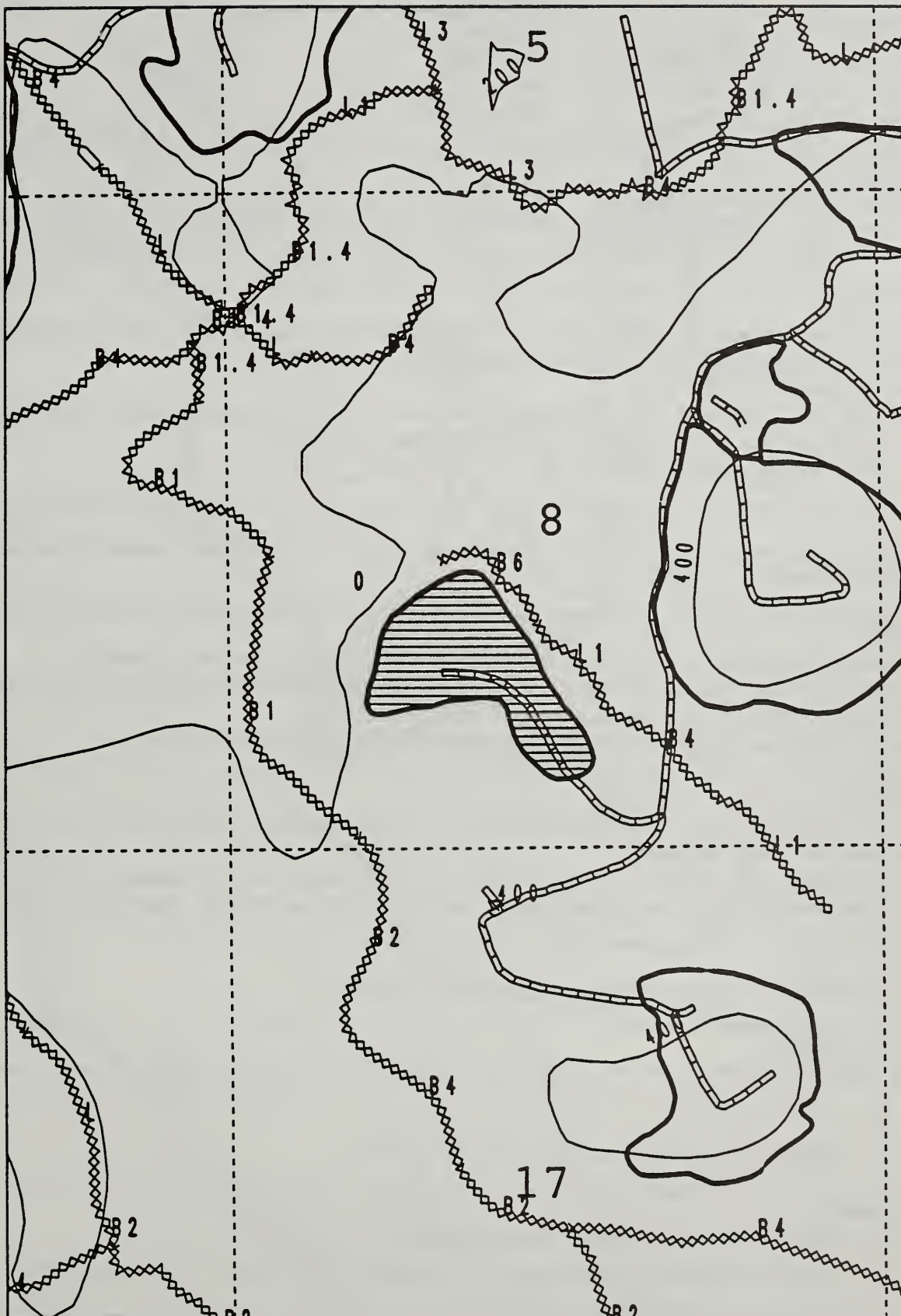
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 553-235



- UNCLASS. STREAM WITHIN UNITS
- XXXXX CLASS 1 STREAM
- CLASS 2 STREAM
- - - CLASS 3 STREAM
- EXISTING ROADS
- - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-235</u>	Alternatives considered <u>2 3</u>
Planned acres <u>33</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>733</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 3 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 33 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 19 acres of slopes > 75%.

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all  
streamcourses (BMPs13.9, 13.16).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

The road into this unit crosses a B4 channel. Meet stream and lake protection prescription requirements in TLMP  
Draft Revision (1991a) for this process group.

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit  
in accordance with AHMU Handbook.

Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

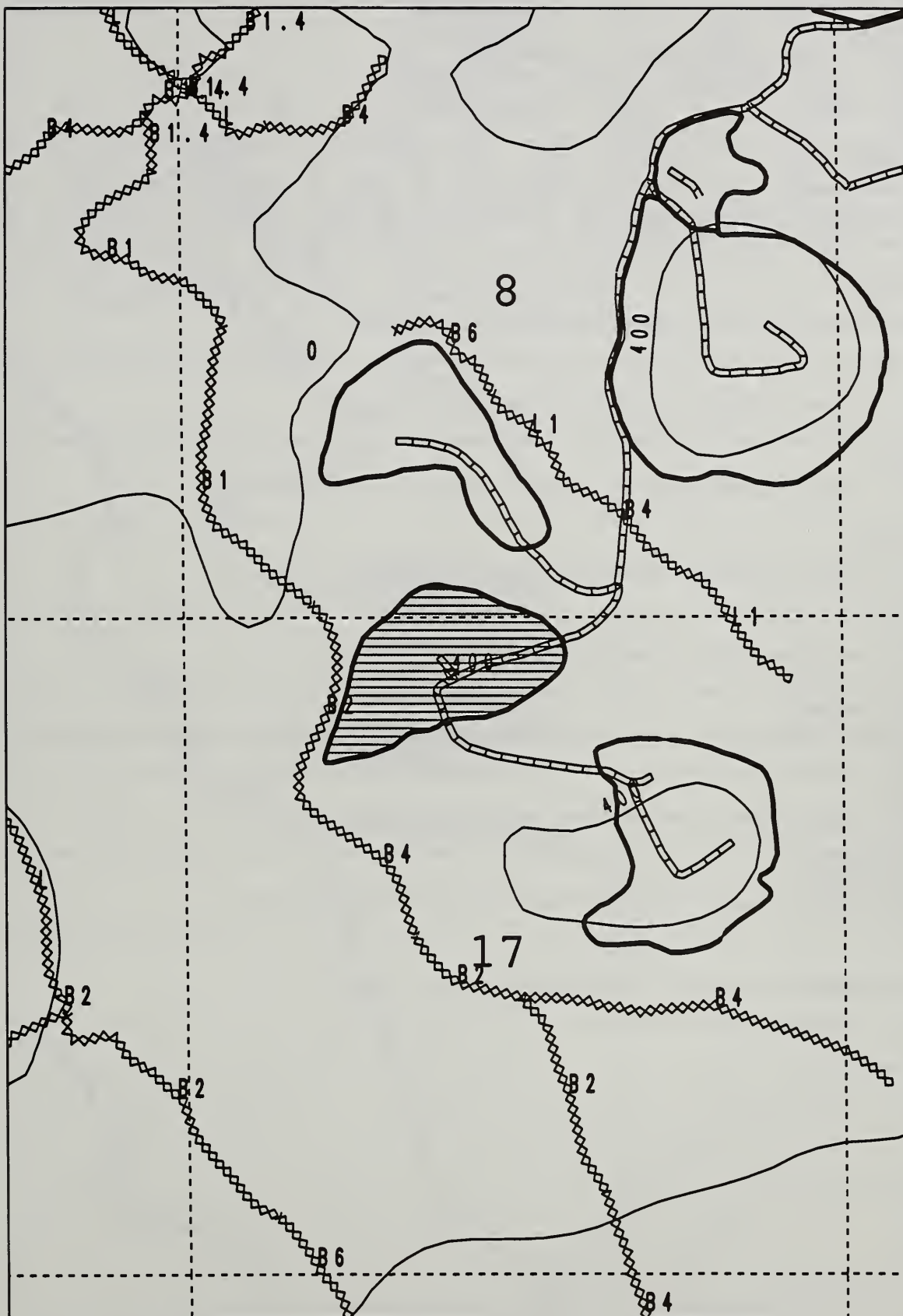
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 553-236



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-236</u>	Alternatives considered <u>2 3</u>
Planned acres <u>37</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>962</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190106</u>
Forest type <u>Cedar</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 37 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 37 acres Medium 0 acres High 0 acres Very High 0 acres

---

SOILS

There are no soils mitigation measures anticipated for this unit.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-237



- UNCLASS. STREAM WITHIN UNITS
- x-x-x- CLASS 1 STREAM
- o-o-o- CLASS 2 STREAM
- + + +- CLASS 3 STREAM
- ===== EXISTING ROADS
- x-x-x- ALTERNATIVE ROAD
- ===== CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-237</u>	Alternatives considered <u>2 3</u>
Planned acres <u>45</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>810</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190237</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 37 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 45 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 28 acres Medium 0 acres High 17 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 28 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B4 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

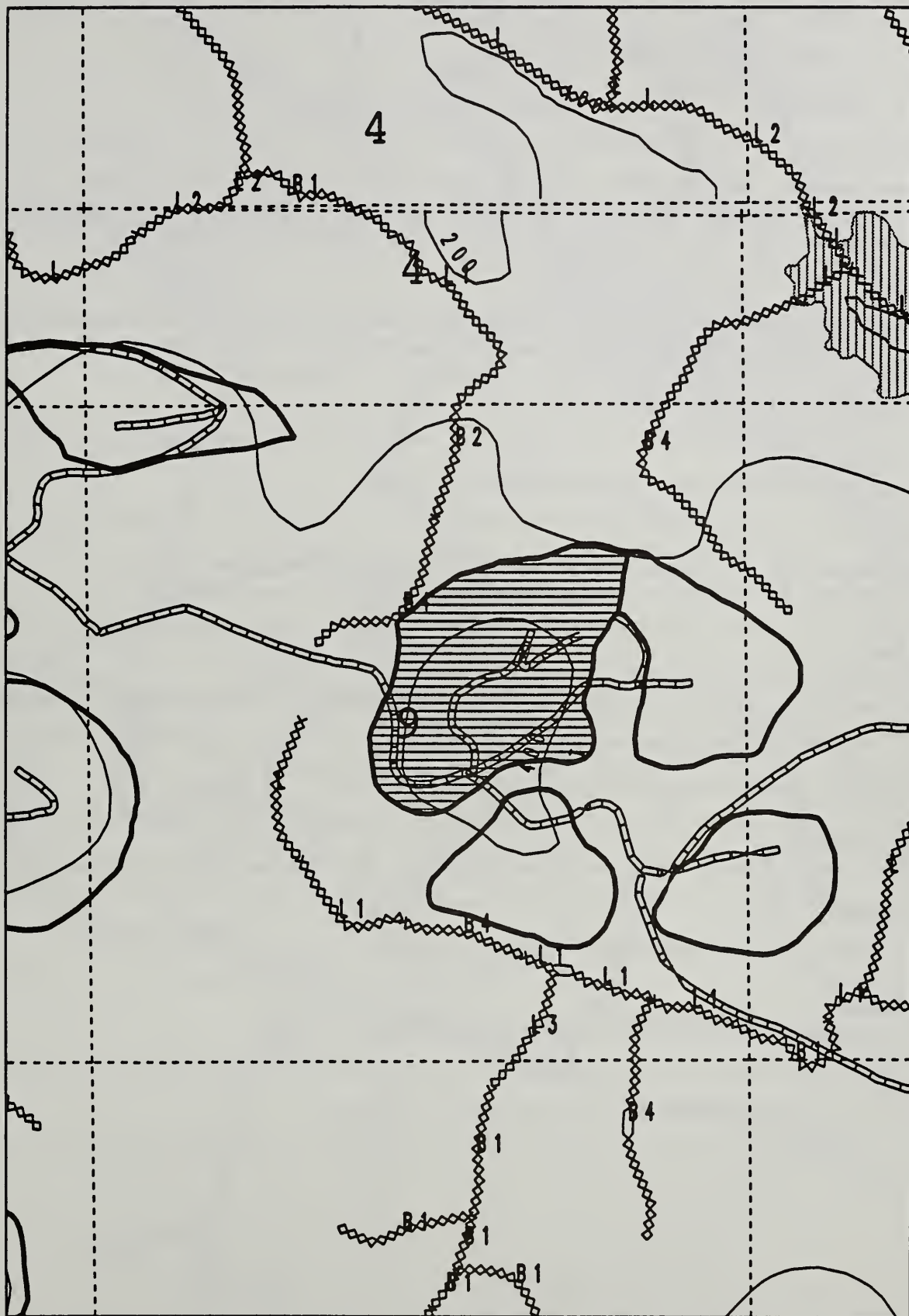
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 553-238



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 553-238 Alternatives considered 3  
Planned acres 75 Quad CRGD4NEN  
Estimated volume (mbf) 1990 Mgmt Area K08  
Logging system Small skyline uphill/downhill WAA 1421  
Silvicultural system Clearcut Photo 1190022  
Forest type Mixed conifer Aspect South

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 37 acres VC5 36 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 75 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 33 acres Medium 0 acres High 42 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 50 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 24 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

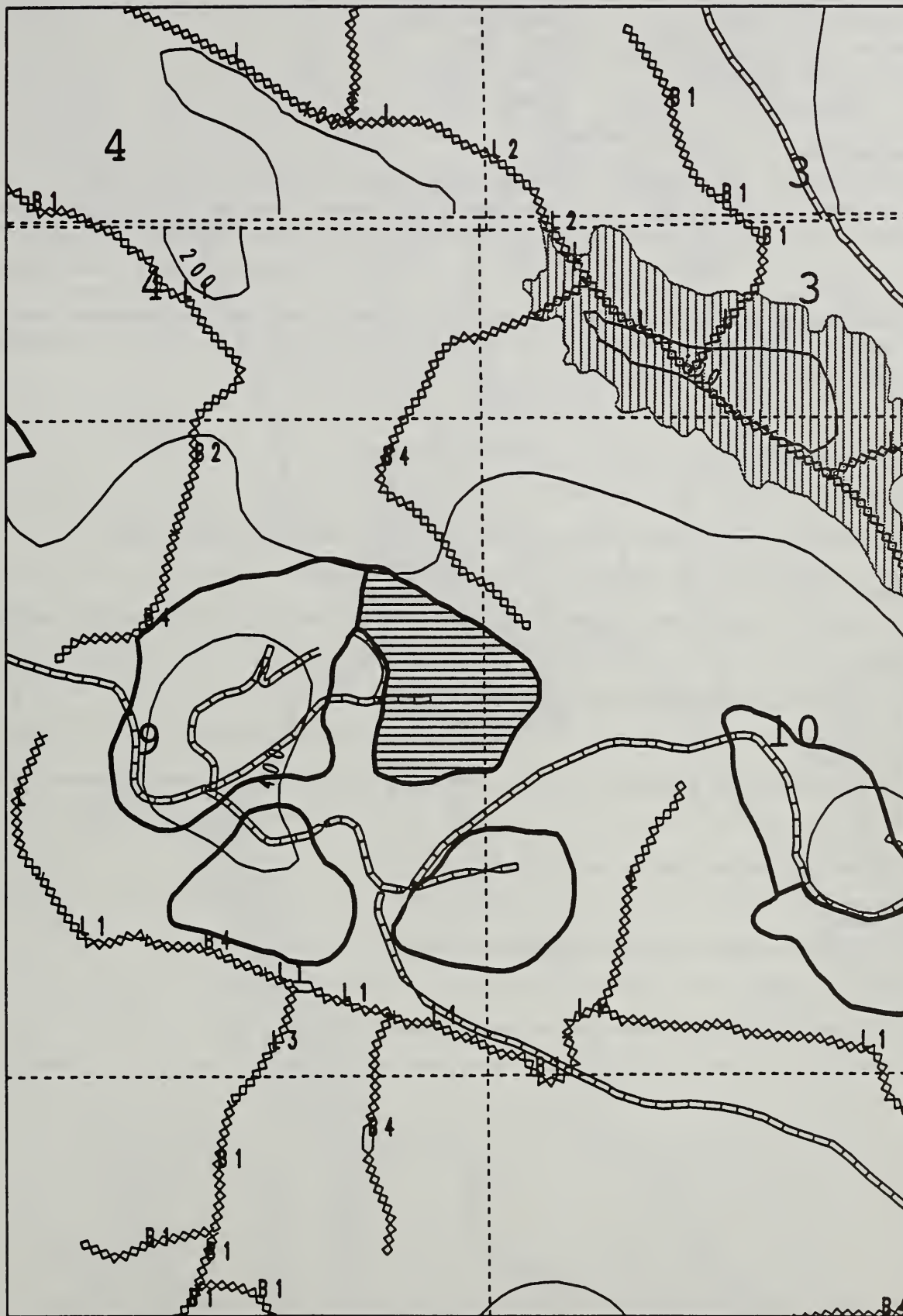
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 553-239



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ..... EXISTING ROADS
- ..... ALTERNATIVE ROAD
- ..... CONTOUR LINE
- ..... SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>553-239</u>	Alternatives considered <u>3</u>
Planned acres <u>37</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1038</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1530</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190022</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 25 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 37 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 22 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

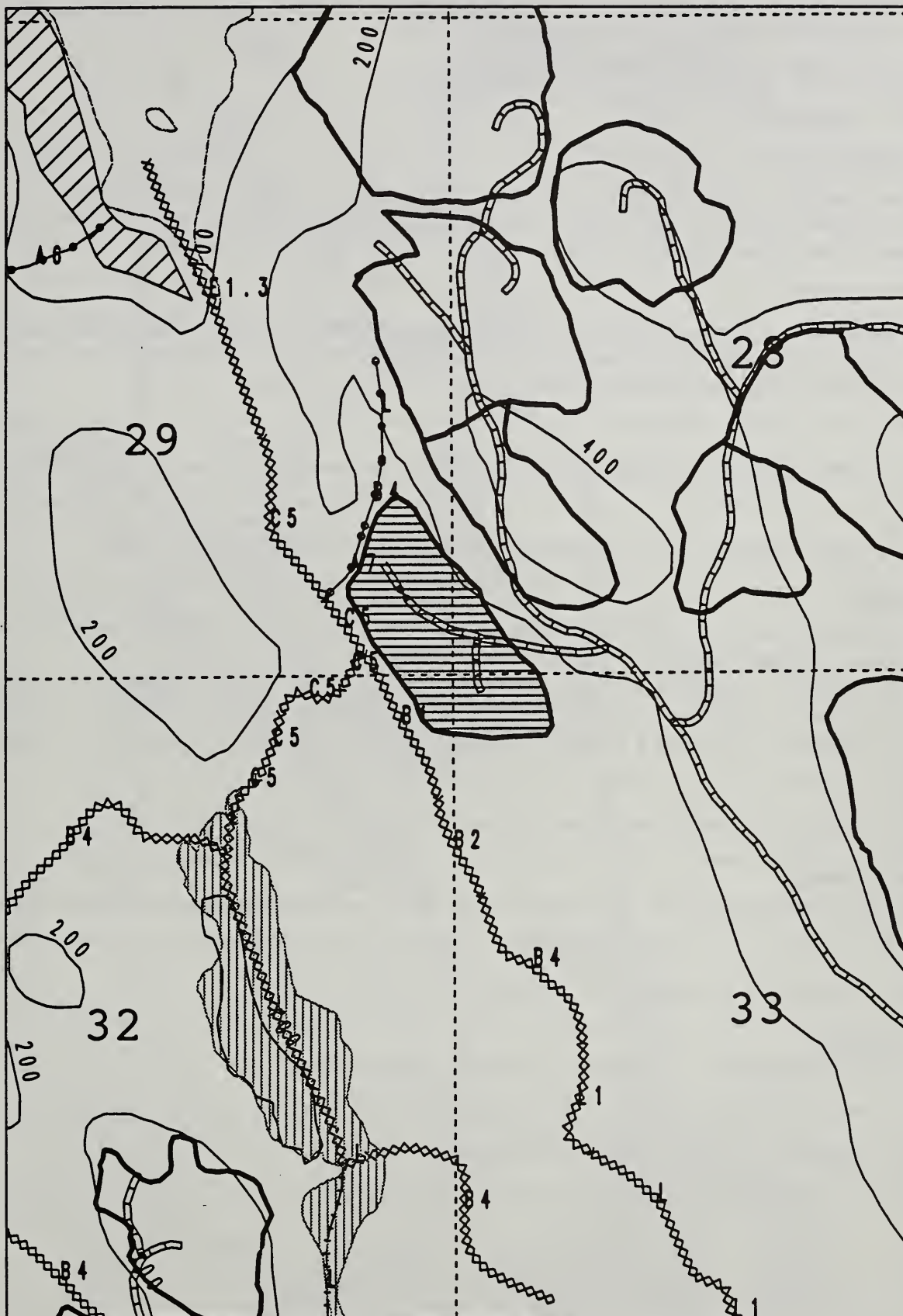
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 553-245



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 553-245 Alternatives considered 3 4  
Planned acres 39 Quad PBGA4SES  
Estimated volume (mbf) 820 Mgmt Area K08  
Logging system Small skyline uphill/downhill WAA 1422  
Silvicultural system Clearcut Photo 1190019  
Forest type Mixed conifer Aspect West

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 39 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 39 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 14 acres Medium 0 acres High 25 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 26 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a C5 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds, proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

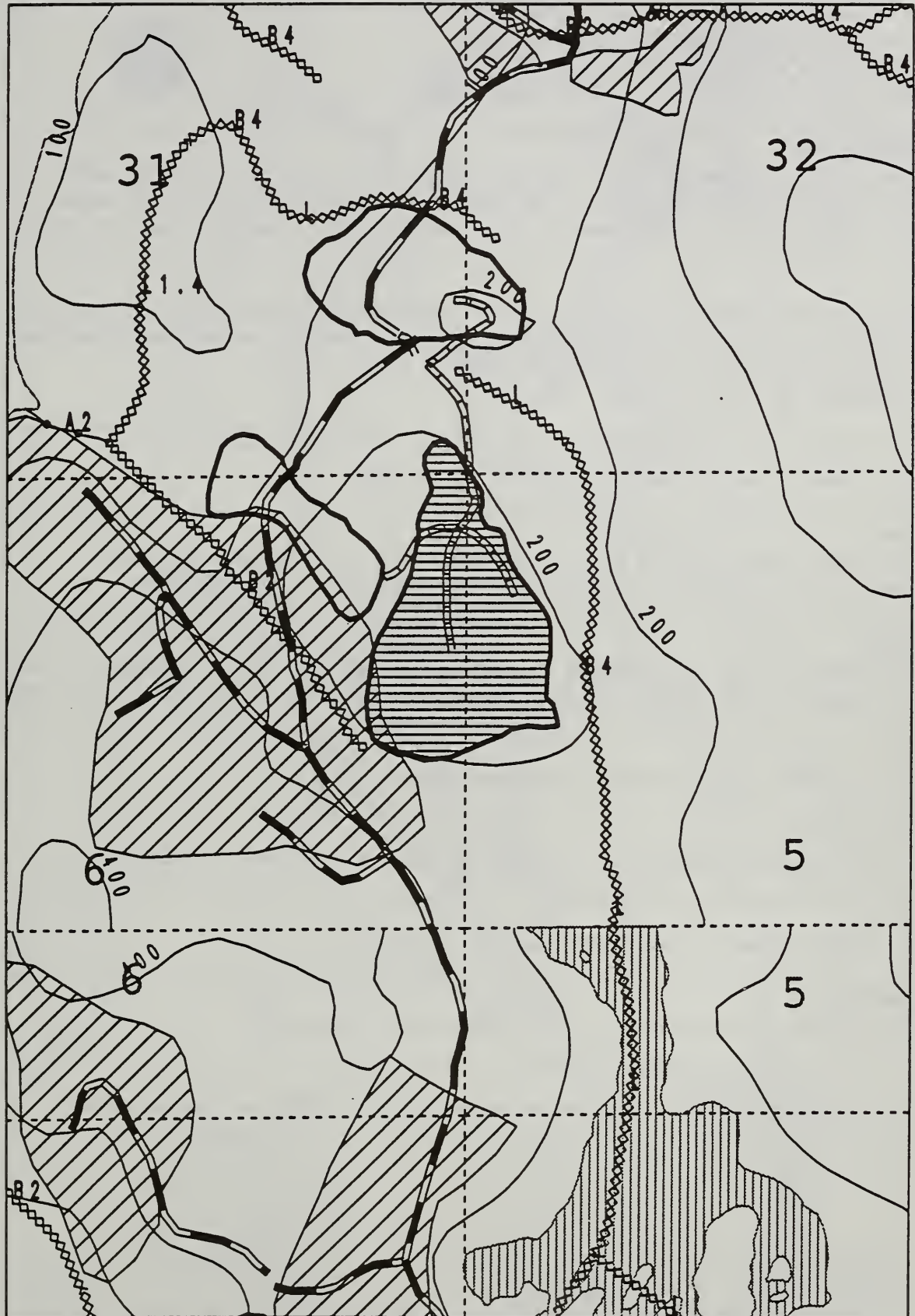
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 554.2-200



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 554.2-200

Alternatives considered 2 5

Planned acres 54

Quad PBGA4SWS

Estimated volume (mbf) 919

Mgmt Area K07

Logging system Small skyline uphill

WAA 1422

Silvicultural system Clearcut

Photo 1990107

Forest type Hemlock

Aspect South

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 42 acres VC5 0 acres VC6 0 acres VC7 0 acres

Elevation breakdown: 0-800 ft. 54 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres

Mass movement index: Low 37 acres Medium 4 acres High 13 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 23 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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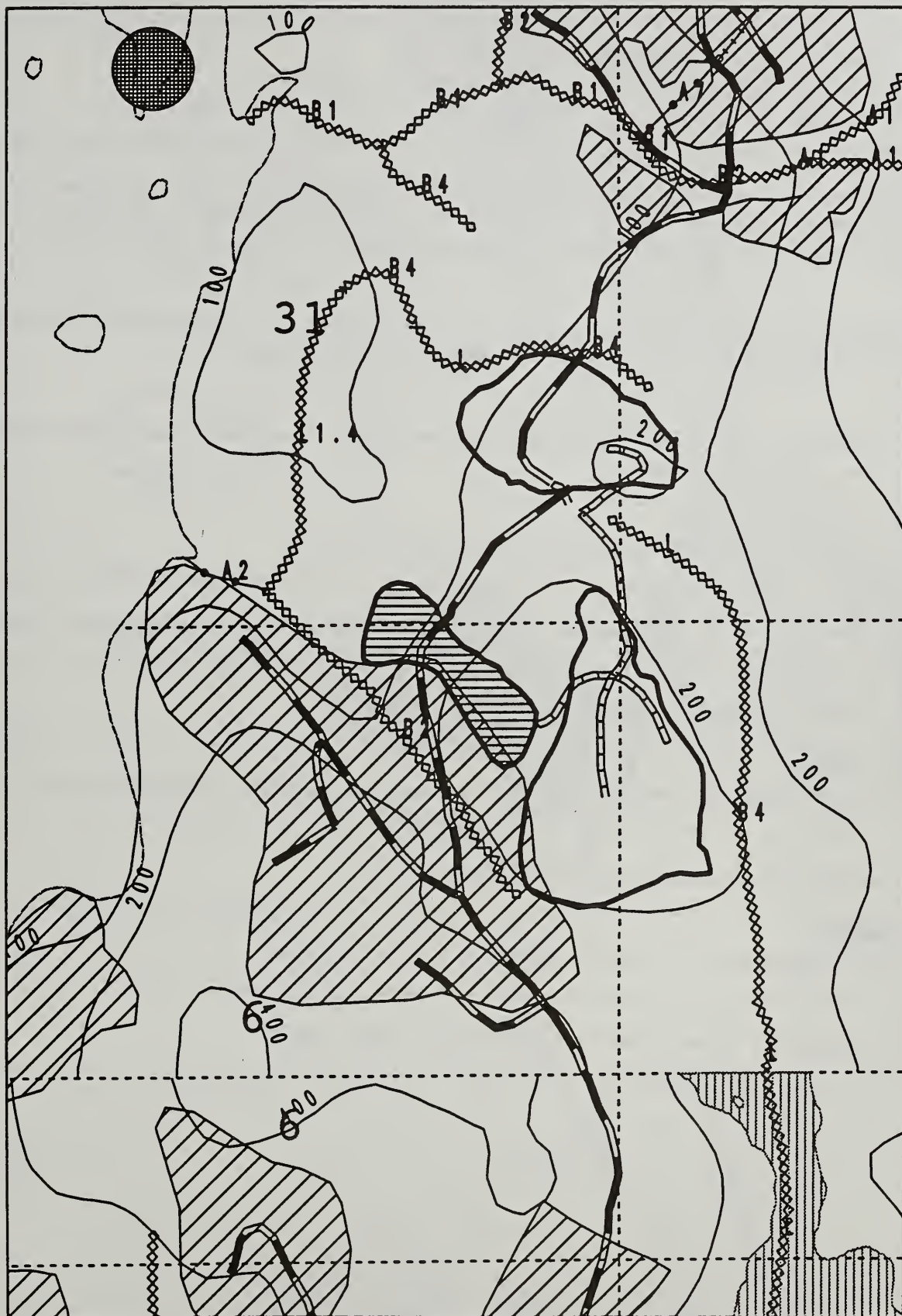
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

---

SCALE 1:15840

# UNIT 554.2-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>554.2-201</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>18</u>	Quad <u>PBGA4SWS</u>
Estimated volume (mbf) <u>317</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990107</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 3 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 6 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19. Potentially very low volume per acre.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

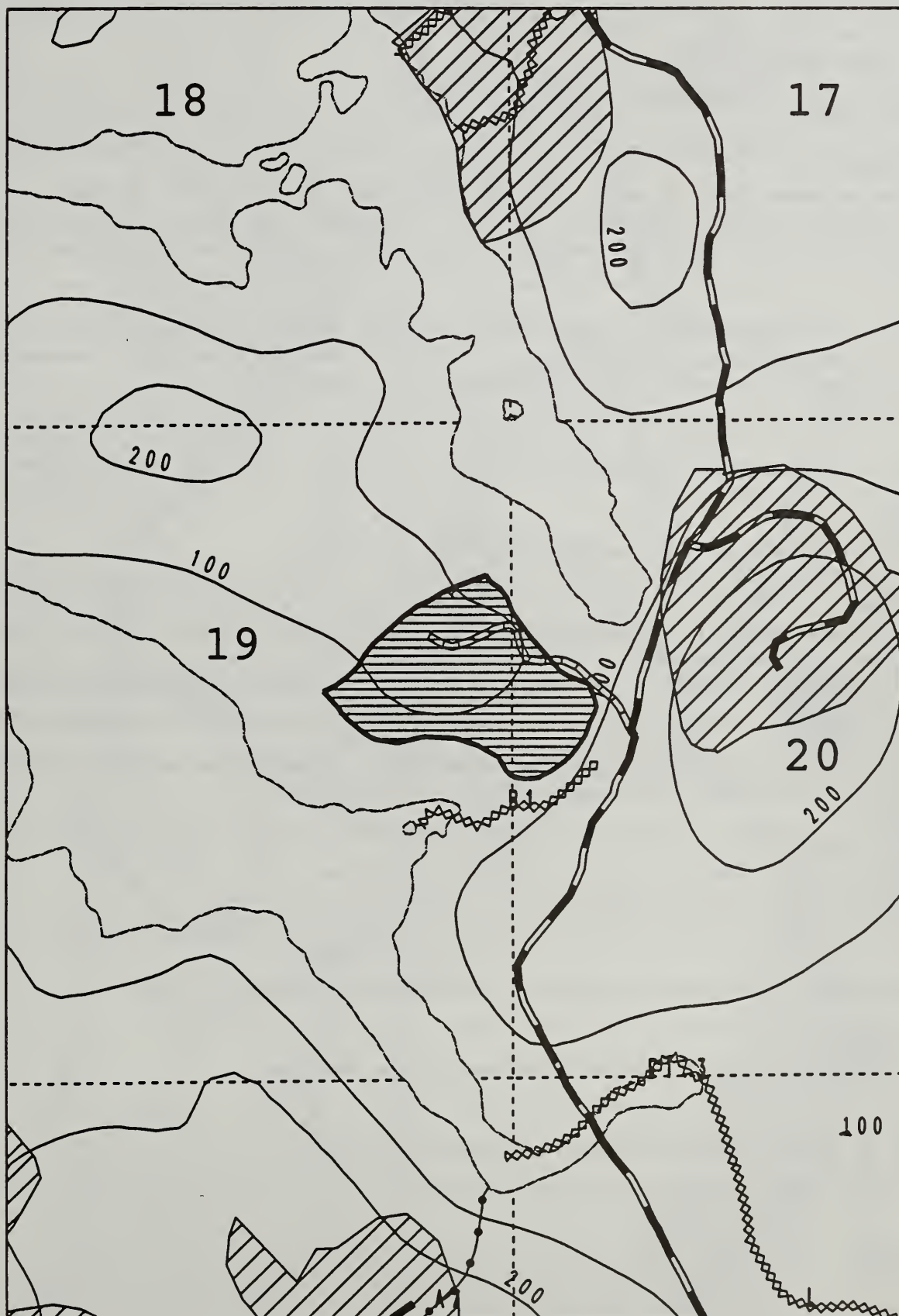
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 554.2-206



- — — — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- ● — ● — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- ▨ UNIT
- ▩ EAGLE NEST
- ▧ PRIOR HARVEST
- ▦ WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>554.2-206</u>	Alternatives considered <u>4 5</u>
Planned acres <u>46</u>	Quad <u>CRGD4NWN</u>
Estimated volume (mbf) <u>1497</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990104</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 4 acres VC5 43 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 46 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 46 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19). This unit contains 9 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit. A goshawk nest was discovered in the immediate vicinity of this unit.

RECREATION / VISUALS

The unit has a proposed VQO of PR within the viewshed of Sarkar Cove as viewed from 1 mile from west coast of Prince of Wales.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

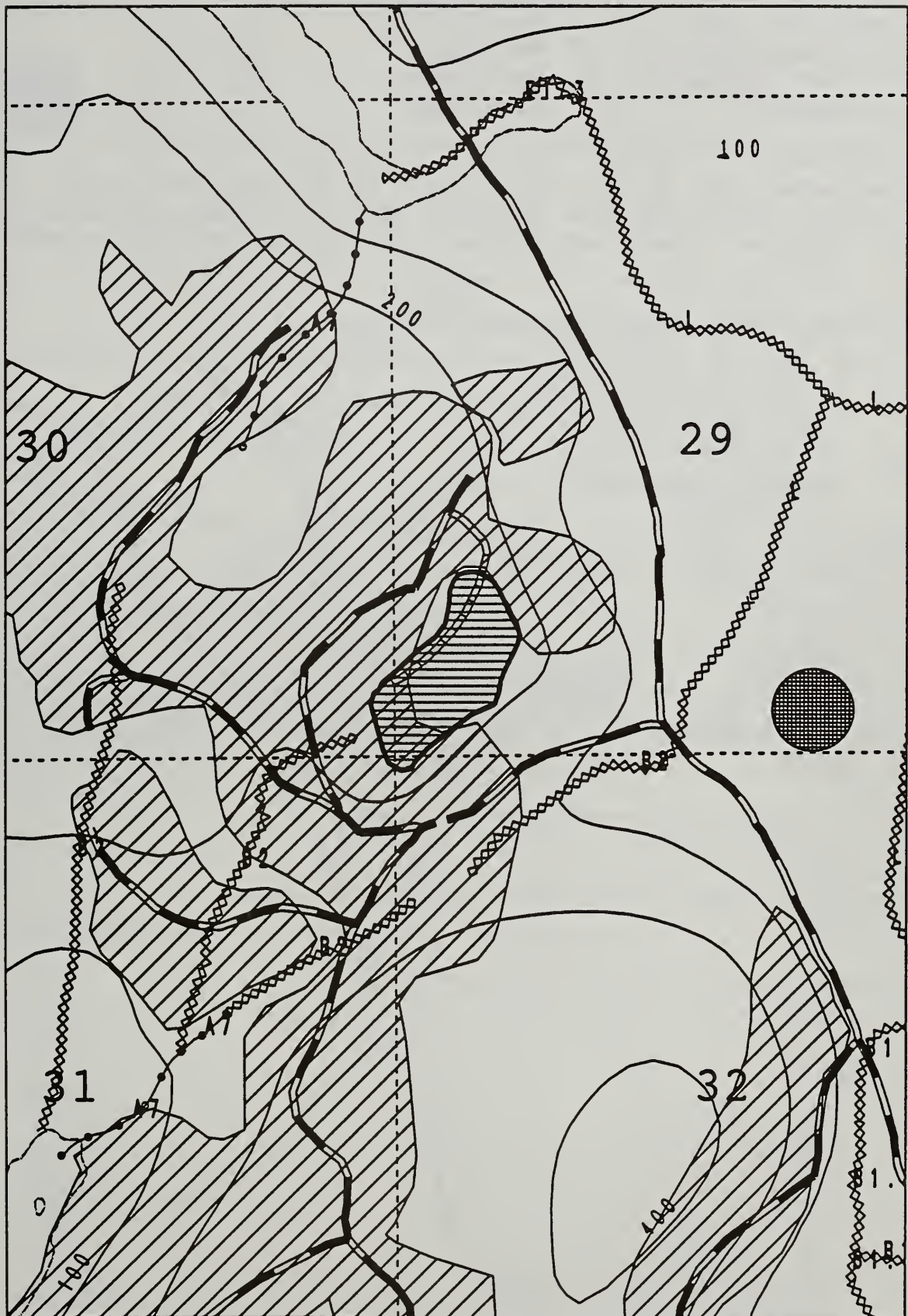
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 554.2-210



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- ==+==+== ALTERNATIVE ROAD
- CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 554.2-210

Alternatives considered 2 4 5

Planned acres 23

Quad CRGD4NWN

Estimated volume (mbf) 927

Mgmt Area K07

Logging system Highlead uphill

WAA 1422

Silvicultural system Clearcut

Photo 1990102

Forest type Hemlock

Aspect South

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 15 acres VC7 7 acres

Elevation breakdown: 0-800 ft. 23 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres

Mass movement index: Low 1 acres Medium 22 acres High 0 acres Very High 0 acres

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SOILS

There are no soils mitigation measures anticipated for this unit.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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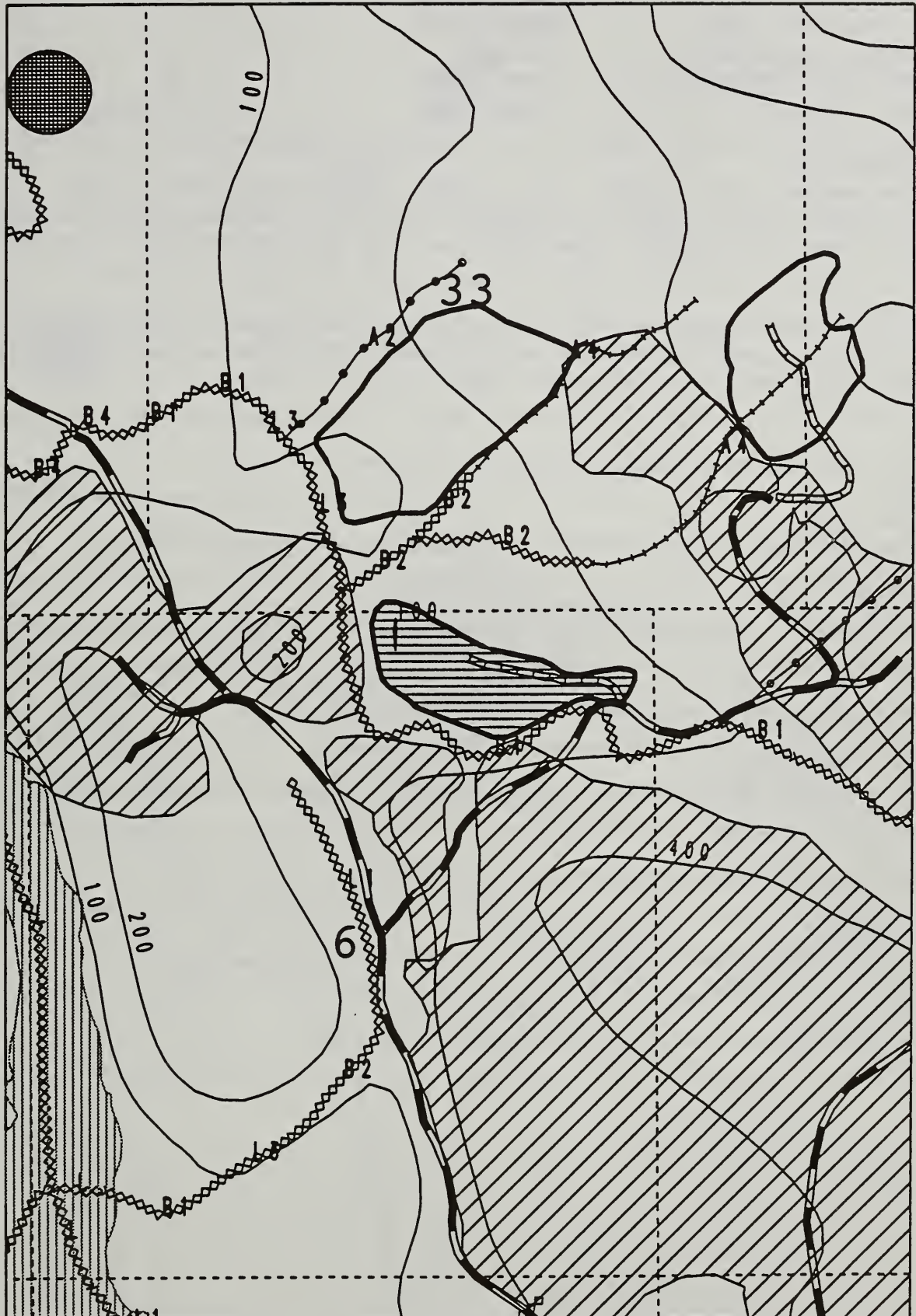
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 554.2-213



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>554.2-213</u>	Alternatives considered <u>2 4</u>
Planned acres <u>26</u>	Quad <u>CRGD4NWS</u>
Estimated volume (mbf) <u>650</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>199036</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 3 acres VC6 3 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 26 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 16 acres Medium 0 acres High 10 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 21 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

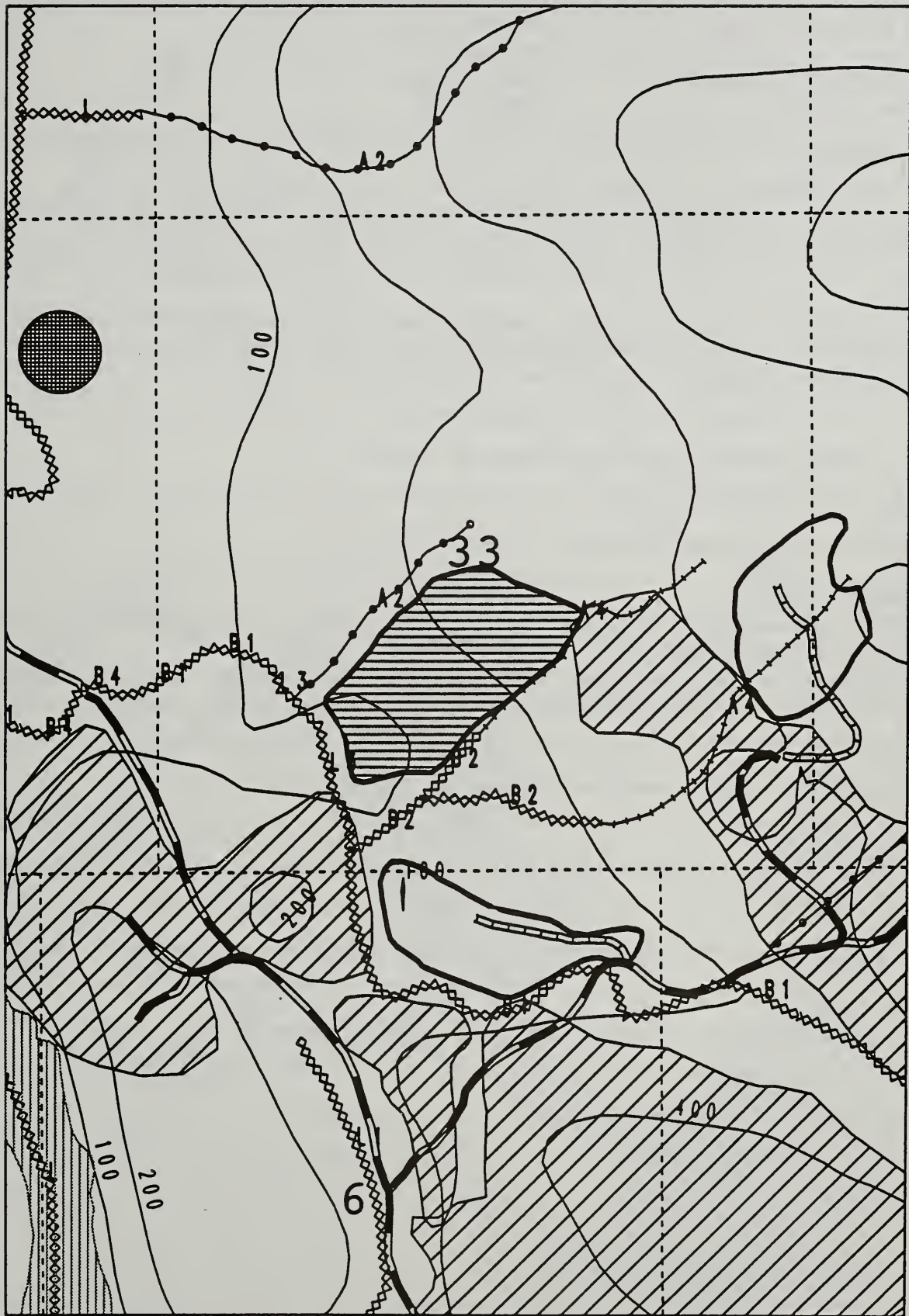
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 554.2-214



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>554.2-214</u>	Alternatives considered <u>3 5</u>
Planned acres <u>46</u>	Quad <u>CRGD4NWS</u>
Estimated volume (mbf) <u>1203</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990035</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 22 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 46 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 17 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

CULTURAL RESOURCES

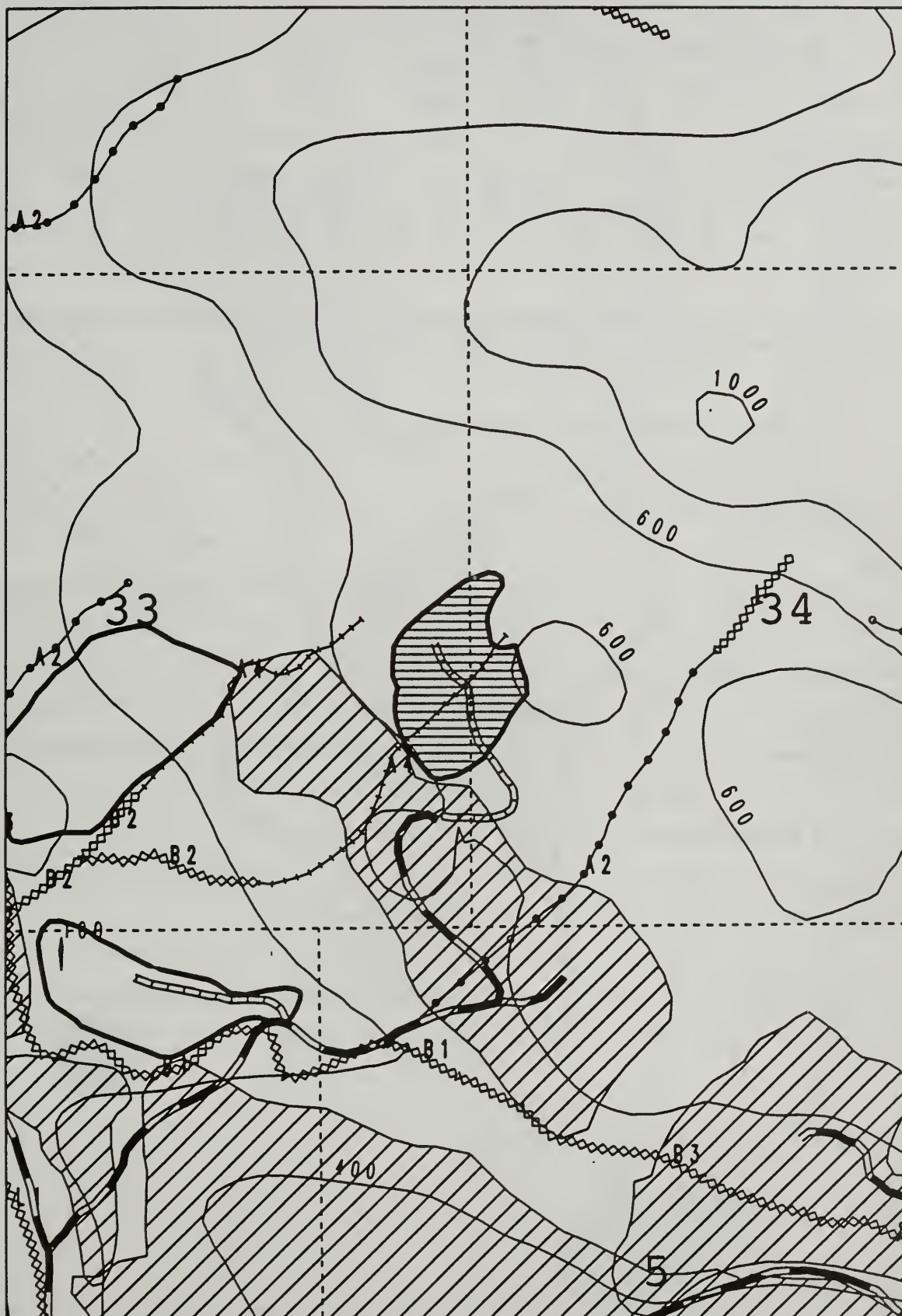
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 554.2-215



- - - - - UNCLASS. STREAM WITHIN UNITS  
 ○○○○○○ CLASS 1 STREAM  
 ●●●●● CLASS 2 STREAM  
 ××××× CLASS 3 STREAM  
 ——— EXISTING ROADS  
 - - - - - ALTERNATIVE ROAD  
 ——— CONTOUR LINE  
 - - - - - SECTION LINE



[Horizontal Hatching] UNIT  
 [Cross-Hatch] EAGLE NEST  
 [Diagonal Hatching] PRIOR HARVEST  
 [Vertical Hatching] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 554.2-215 Alternatives considered 3 4 5  
Planned acres 27 Quad CRGD4NWS  
Estimated volume (mbf) 819 Mgmt Area K07  
Logging system Small skyline uphill/downhillWAA 1422  
Silvicultural system Clearcut Photo 1990035  
Forest type Hemlock Aspect South

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 25 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 17 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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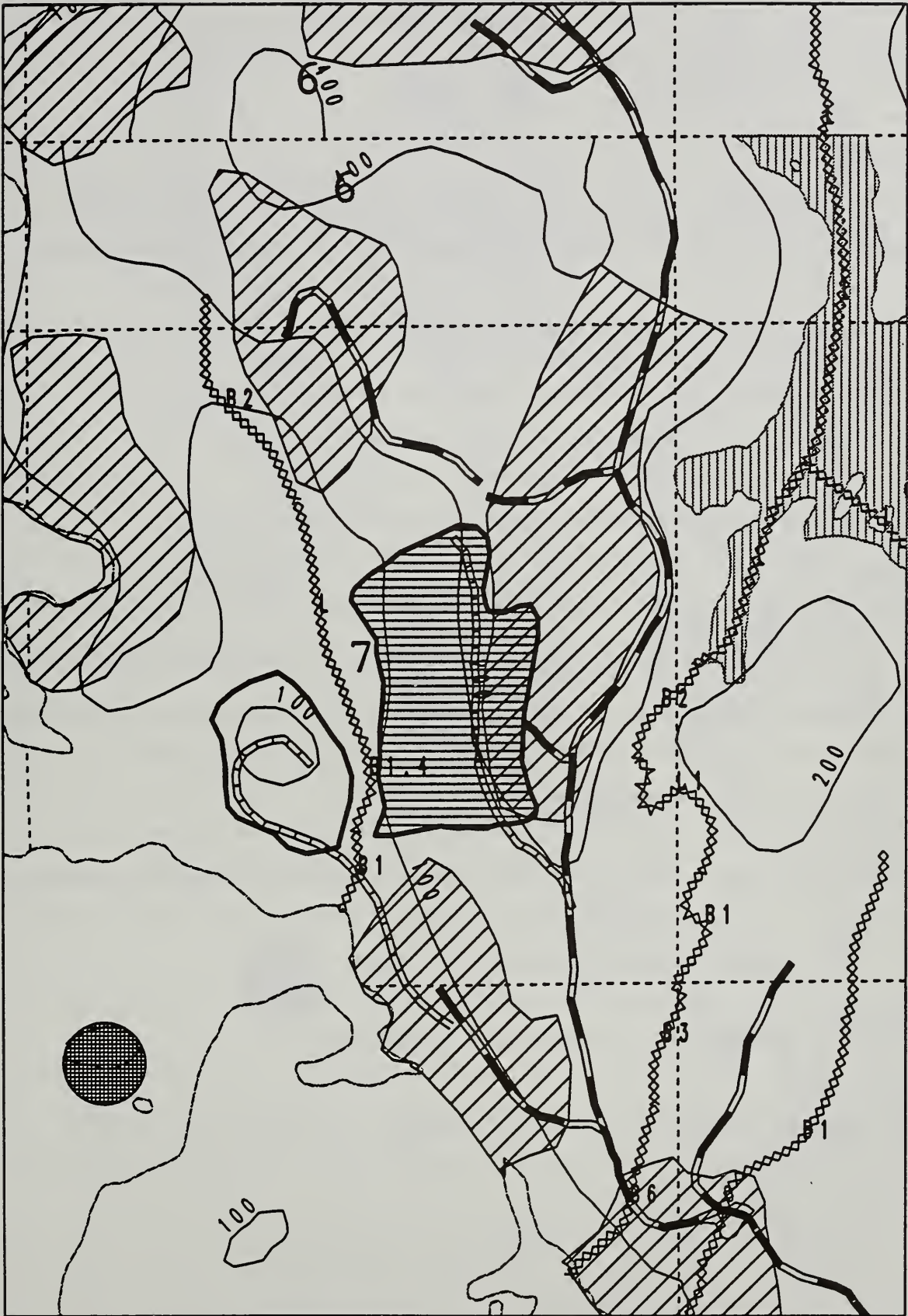
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

---

SCALE 1:15840

UNIT 554.2-220



- UNCLASS. STREAM WITHIN UNITS
- xxxxx CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ||||| CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>554.2-220</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>61</u>	Quad <u>CRGD4NWN</u>
Estimated volume (mbf) <u>2464</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990106</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 6 acres VC5 8 acres VC6 17 acres VC7 28 acres  
Elevation breakdown: 0-800 ft. 61 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 58 acres High 0 acres Very High 0 acres

SOILS

This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

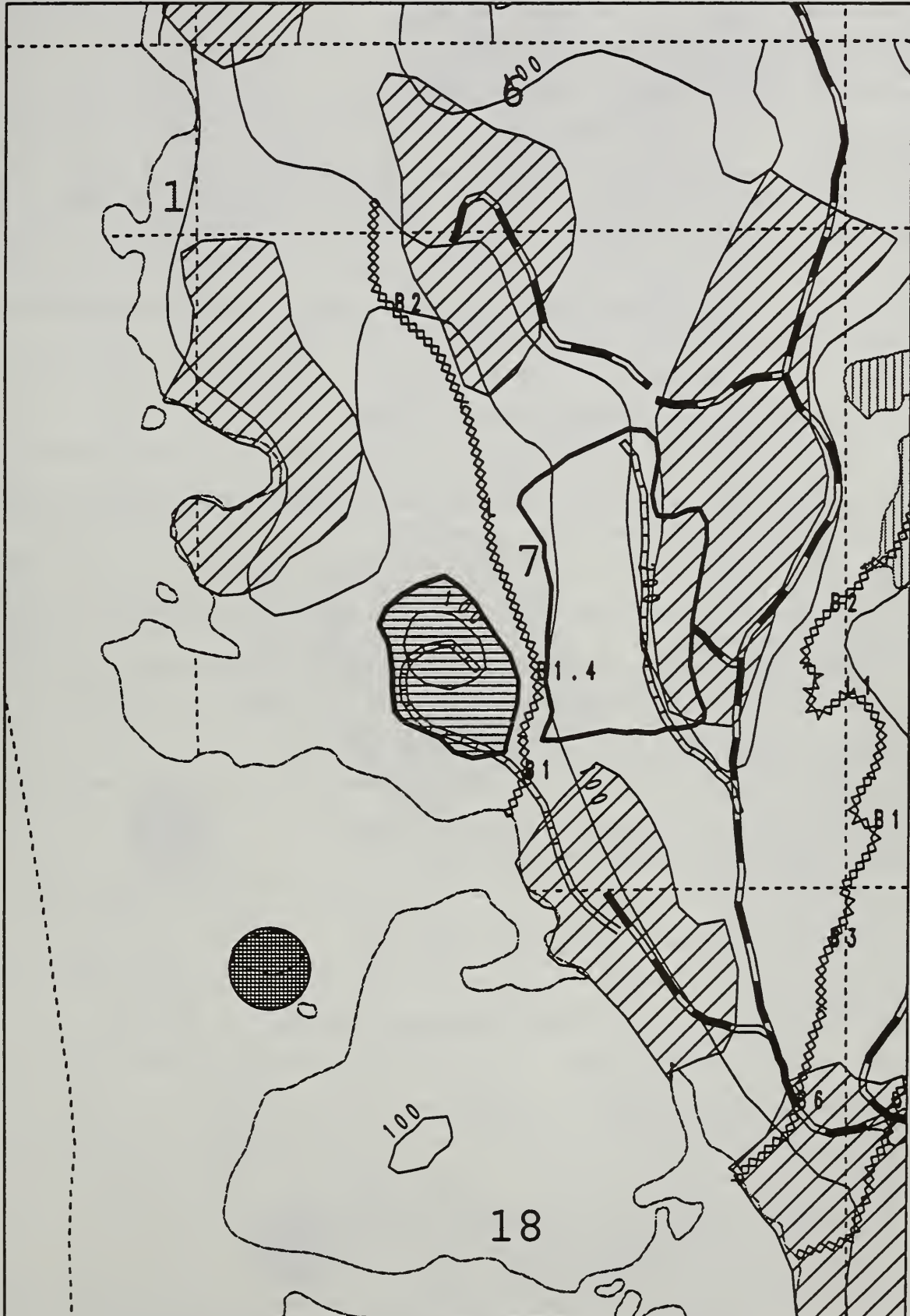
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



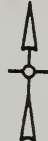
SCALE 1:15840

# UNIT 554.2-225



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○○○      | CLASS 1 STREAM               |
| ● — ● — ● — ● | CLASS 2 STREAM               |
| — — — — —     | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |

NORTH



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>554.2-225</u>	Alternatives considered <u>2 4</u>
Planned acres <u>25</u>	Quad <u>CRGD4NWN</u>
Estimated volume (mbf) <u>547</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990106</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 25 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 1 acres High 0 acres Very High 0 acres

SOILS

This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

The road into this unit crosses a B1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of PR within the viewshed of Clam Cove as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

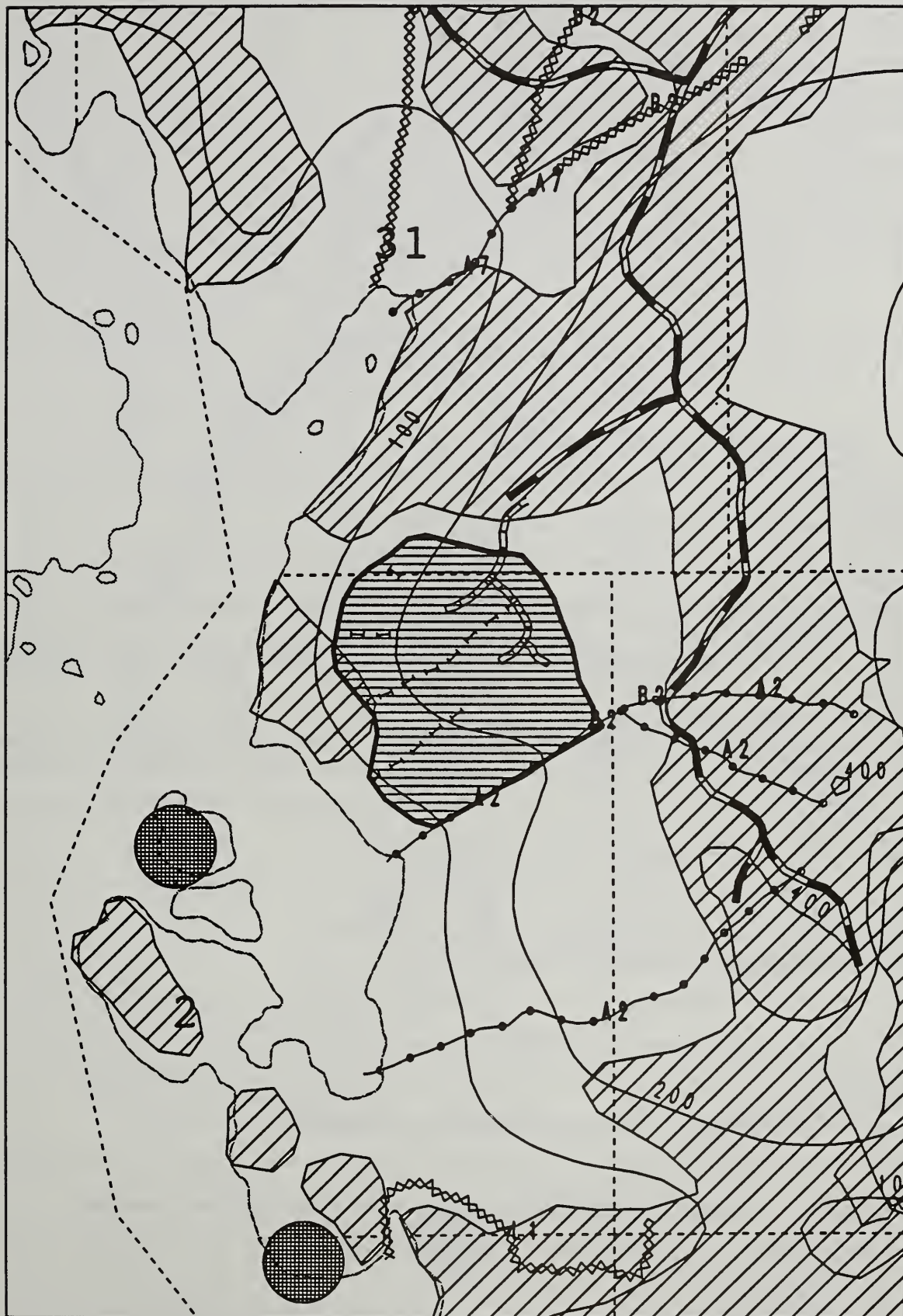
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 557-200 B



- - - - - UNCLASS. STREAM WITHIN UNITS  
 x x x x x CLASS 1 STREAM  
 . . . . . CLASS 2 STREAM  
 + + + + + CLASS 3 STREAM  
 ———— EXISTING ROADS  
 ———— ALTERNATIVE ROAD  
 ———— CONTOUR LINE  
 - - - - - SECTION LINE



[Horizontal hatching] UNIT  
 [Cross-hatched circle] EAGLE NEST  
 [Diagonal hatching] PRIOR HARVEST  
 [Horizontal hatching] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>557-200 B</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>77</u>	Quad <u>CRGD4NWS</u>
Estimated volume (mbf) <u>2593</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1531</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990101</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 64 acres VC6 13 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 77 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 77 acres High 0 acres Very High 0 acres

SOILS

This unit contains 7 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

This unit contains unclassified streams.

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Tuxekan Pass as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 557-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>557-201</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>34</u>	Quad <u>CRGD4NWS</u>
Estimated volume (mbf) <u>1101</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990098</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 2 acres VC5 16 acres VC6 14 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 34 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 22 acres High 0 acres Very High 0 acres

SOILS

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 557-202



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ⊗ ⊗ ⊗ ⊗ ⊗     | CLASS 1 STREAM               |
| — ● — ● — ● — | CLASS 2 STREAM               |
| — — — — —     | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |



- |         |               |
|---------|---------------|
| ▨ ▨ ▨ ▨ | UNIT          |
| ⊗ ⊗ ⊗ ⊗ | EAGLE NEST    |
| ▨ ▨ ▨ ▨ | PRIOR HARVEST |
| ▨ ▨ ▨ ▨ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>557-202</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>42</u>	Quad <u>CRGD4NWS</u>
Estimated volume (mbf) <u>1542</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990098</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 18 acres VC6 25 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 42 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 24 acres High 15 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

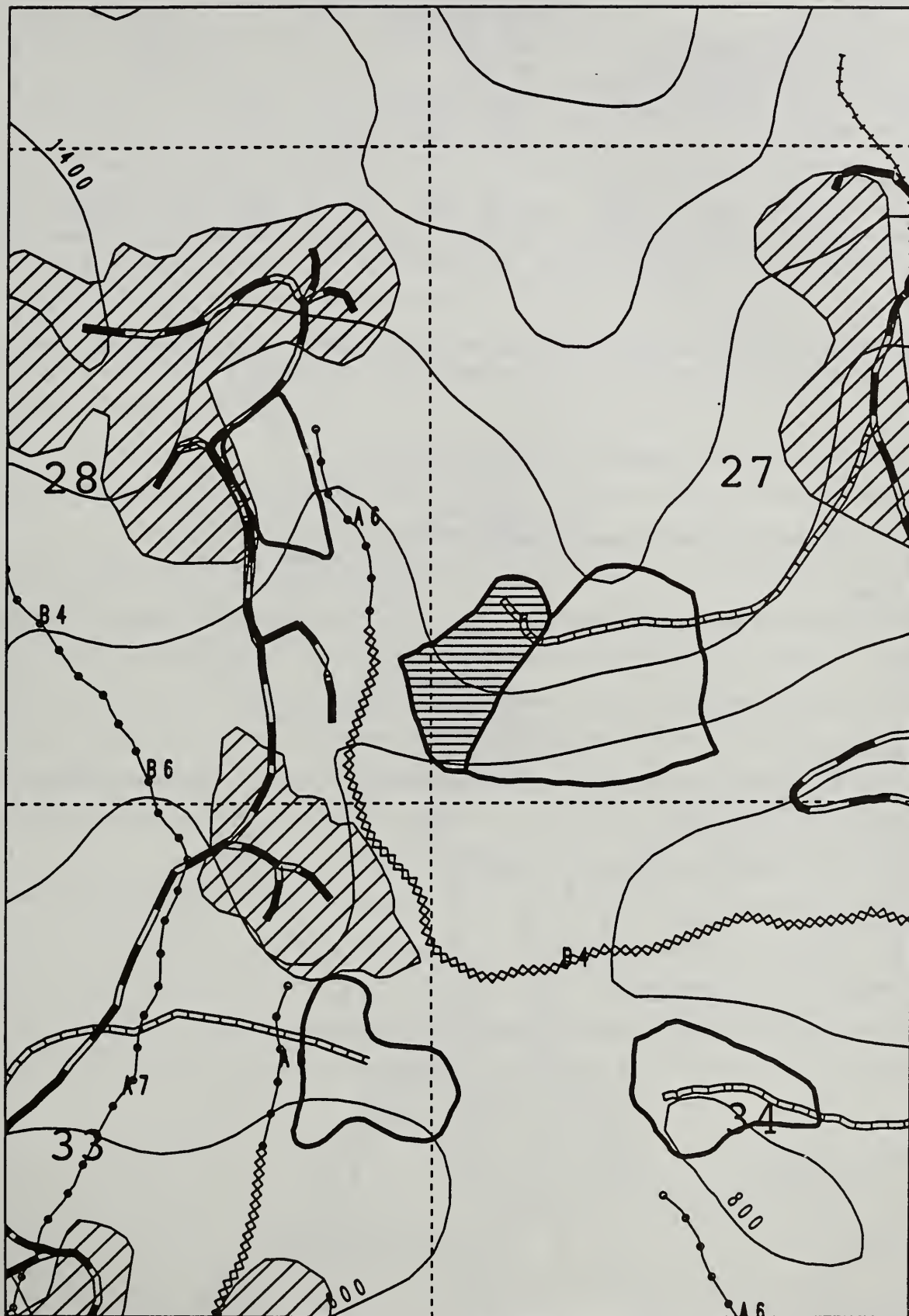
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 571-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-201</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>22</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>710</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190027</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 21 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 22 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

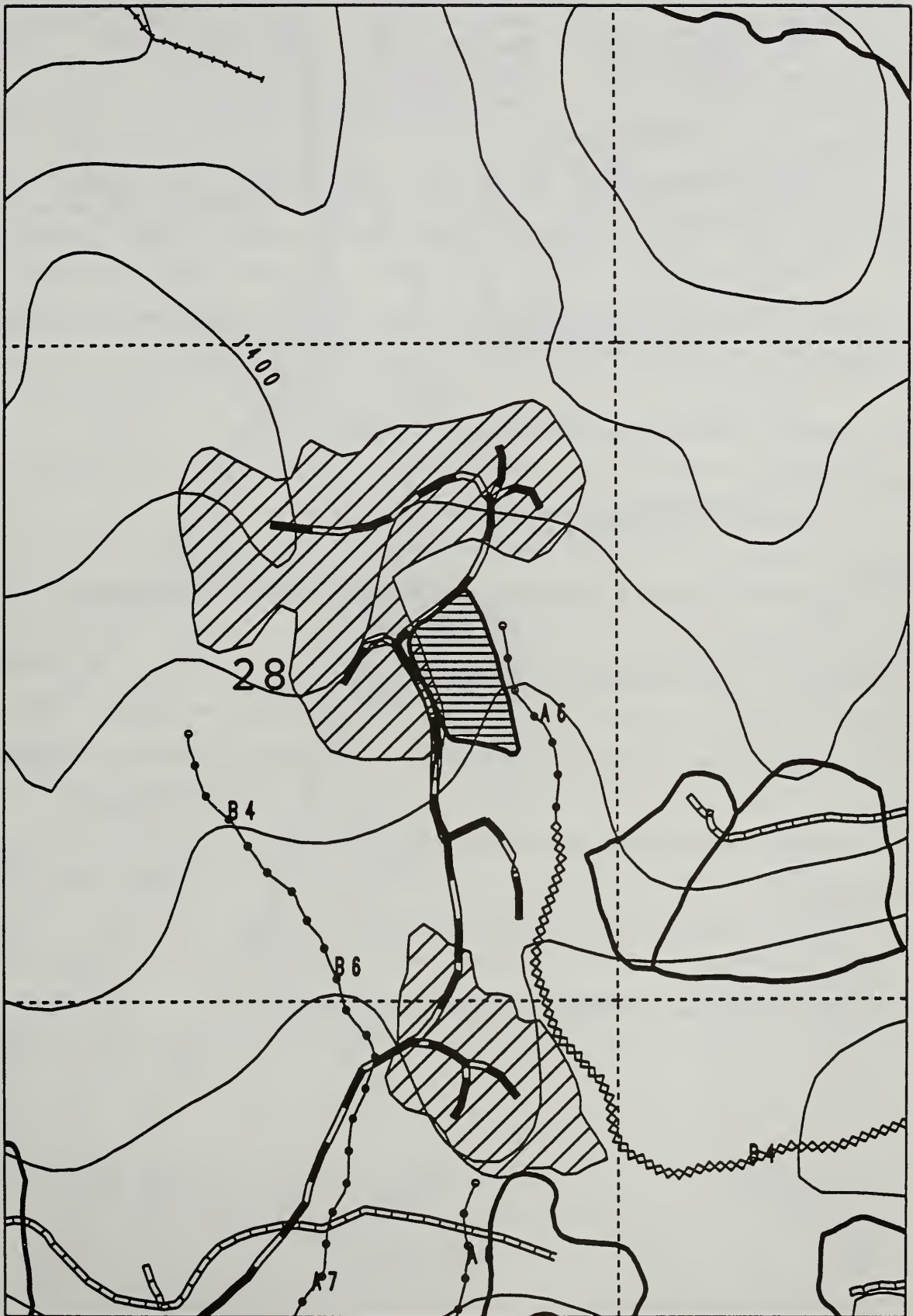
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 571-203



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-203</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>15</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>306</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 15 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 7 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

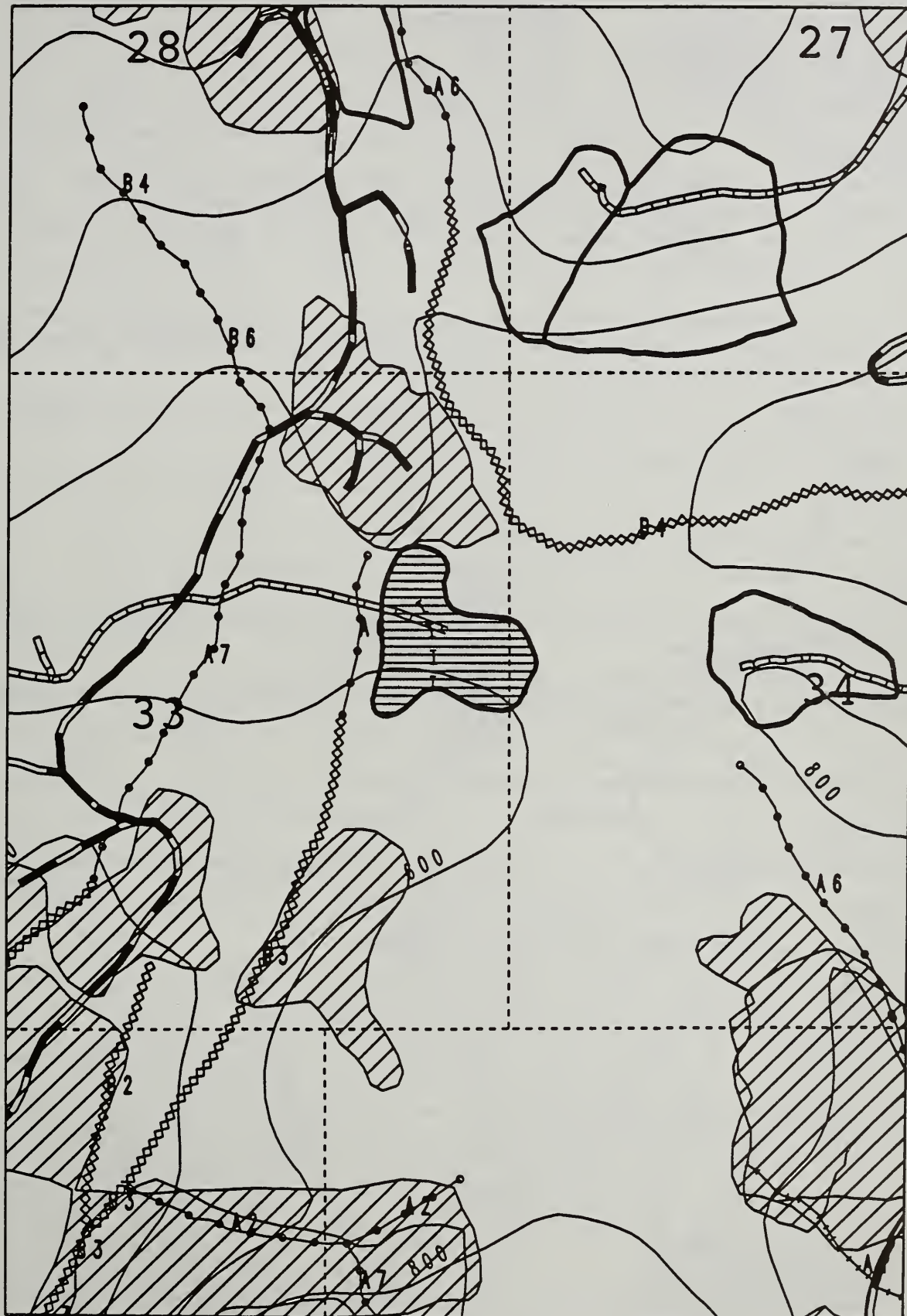
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 571-205



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-205</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>25</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>482</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 25 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 0 acres High 4 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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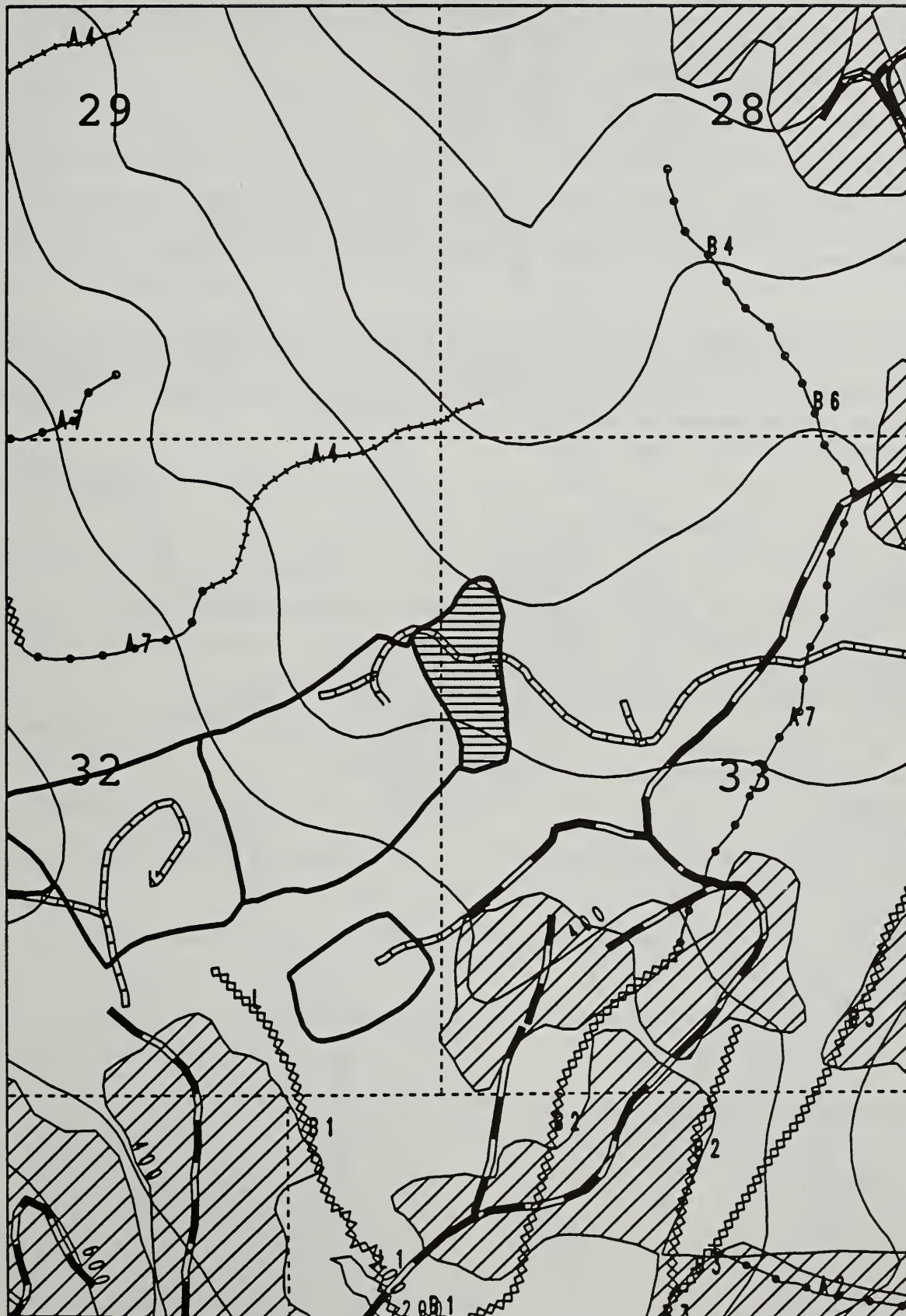
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 571-209



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-209</u>	Alternatives considered <u>5</u>
Planned acres <u>17</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>372</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190027</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 17 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 10 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 5 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

CULTURAL RESOURCES

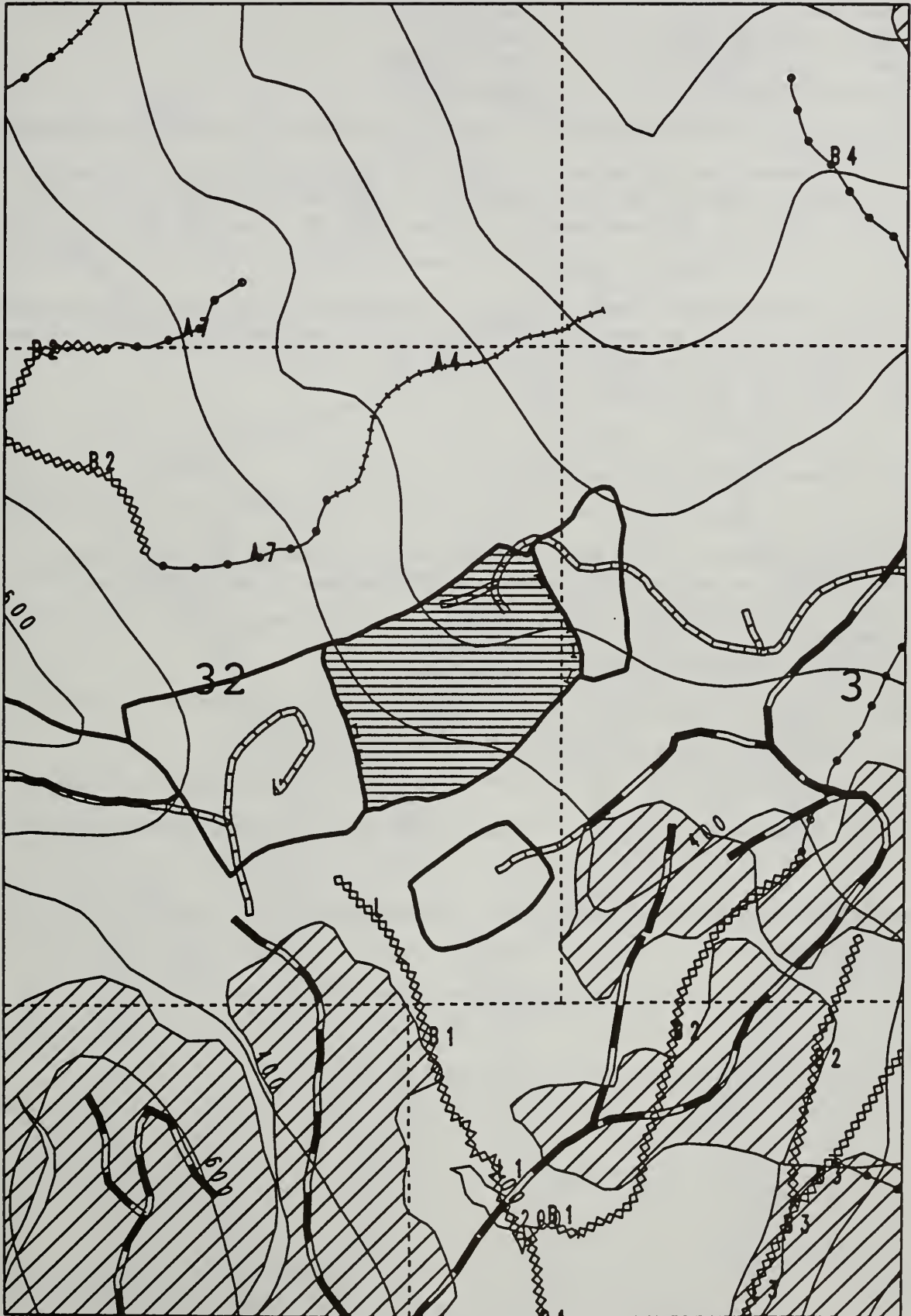
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 571-210



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-210</u>	Alternatives considered <u>5</u>
Planned acres <u>62</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1454</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190027</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 25 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 62 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 33 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 47 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 7 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

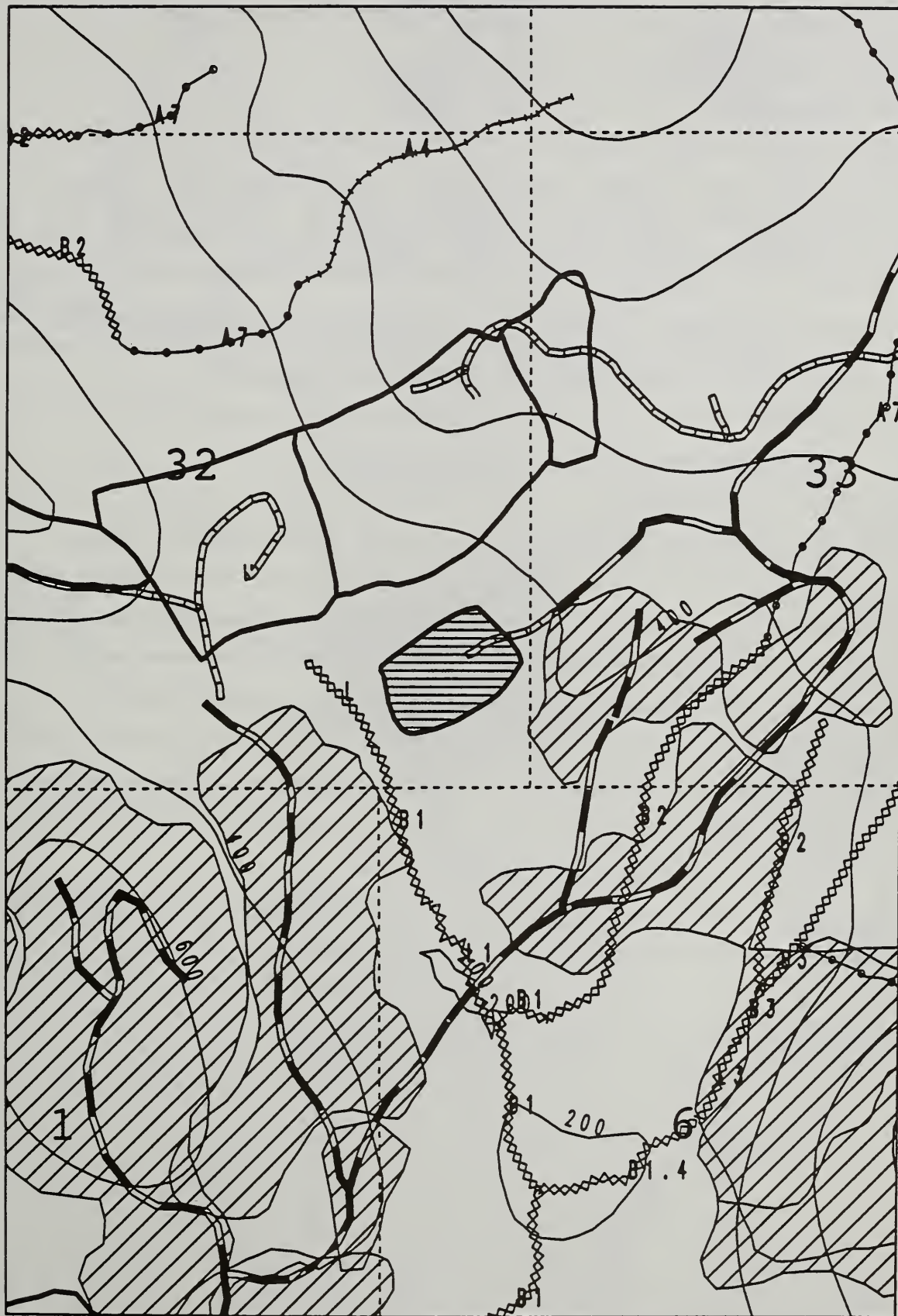
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 571-211



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-211</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>17</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>557</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190027</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 17 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 17 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 10 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

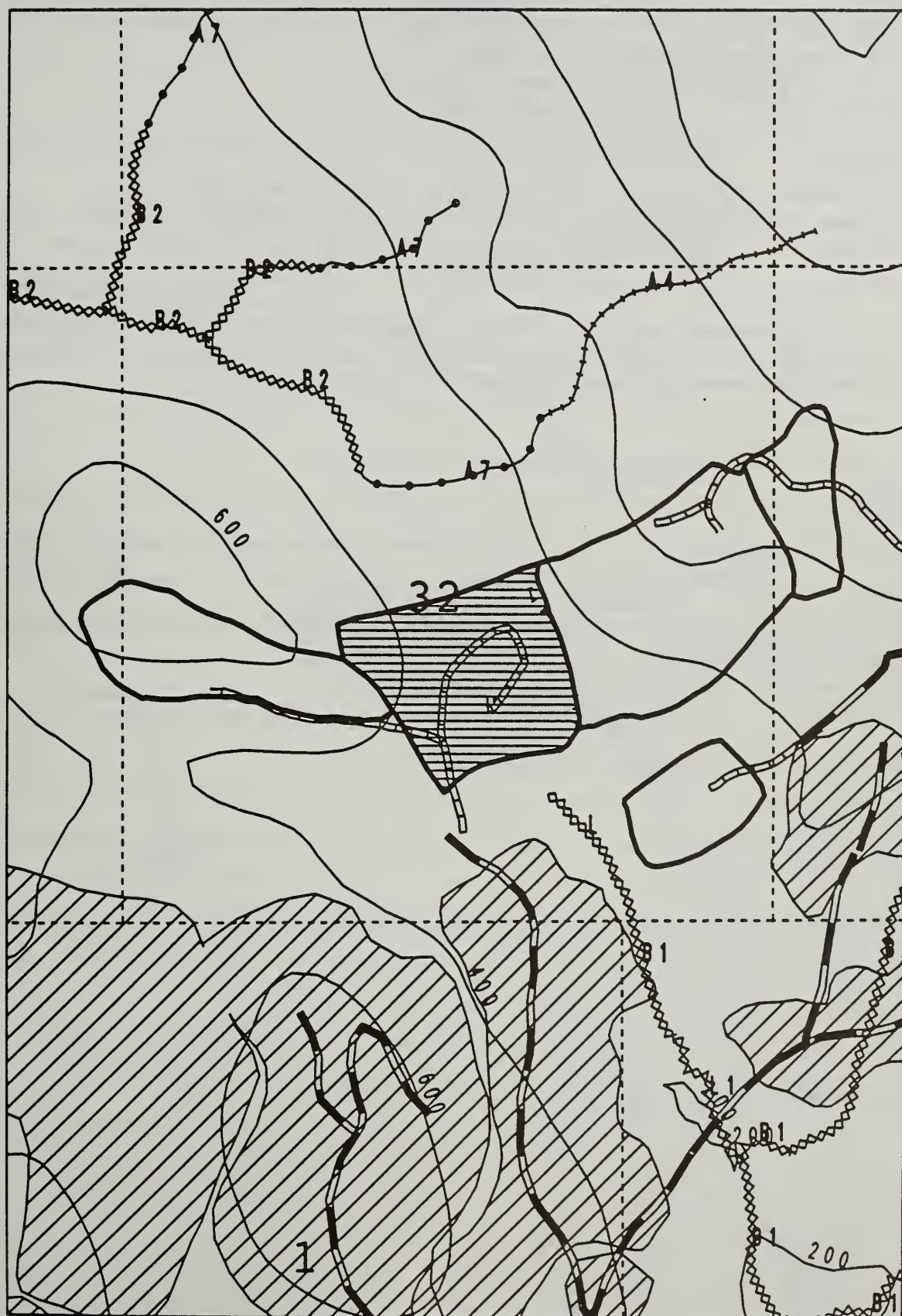
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 571-213



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-213</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>49</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1345</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190027</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 27 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 49 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 10 acres High 21 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 35 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit contains unclassified streams.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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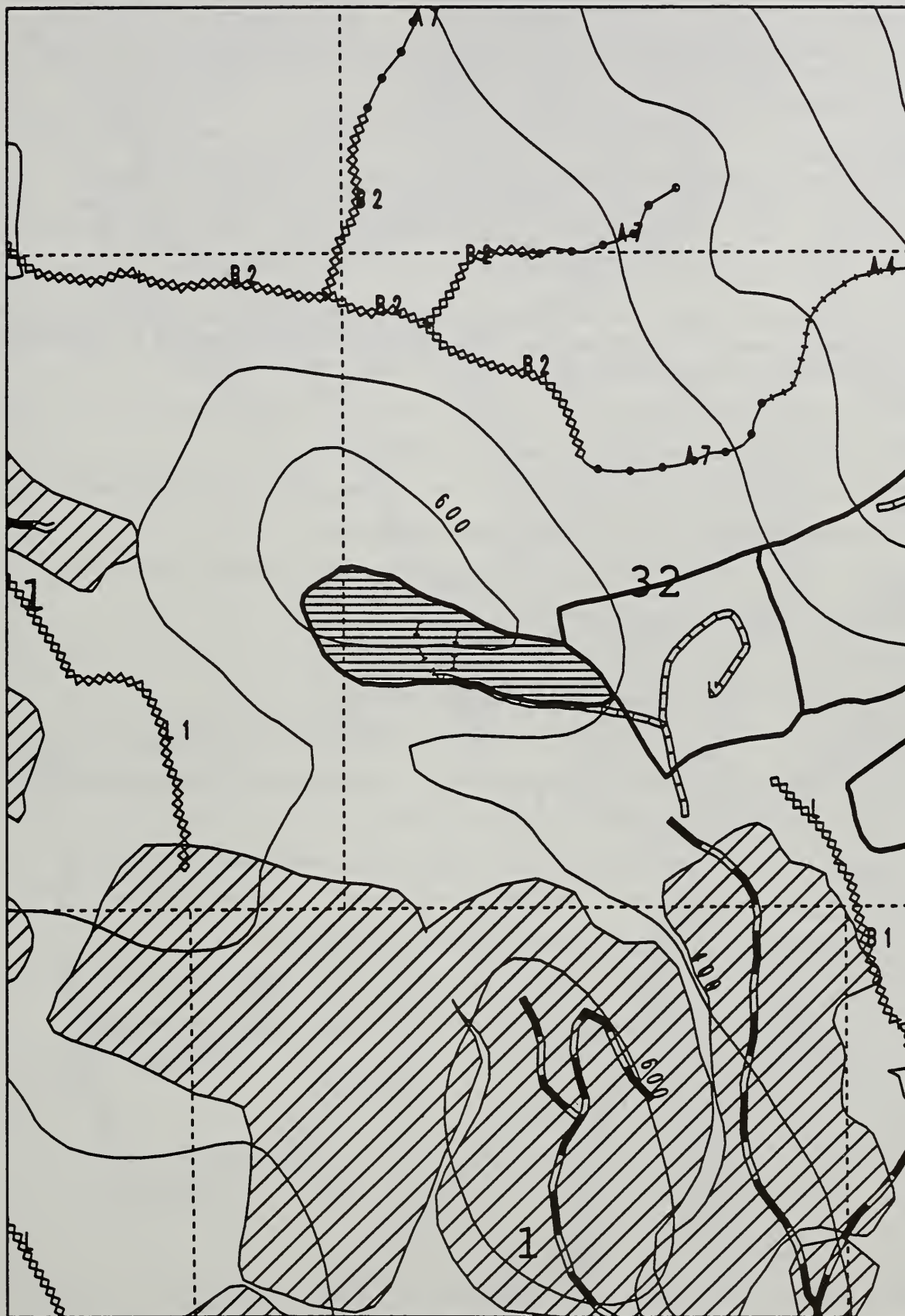
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 571-214



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| — • — • — • — | CLASS 1 STREAM               |
| — x — x — x — | CLASS 2 STREAM               |
| — + — + — + — | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| - - - - -     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |



- |                    |               |
|--------------------|---------------|
| [Horizontal lines] | UNIT          |
| [Cross-hatch]      | EAGLE NEST    |
| [Diagonal lines]   | PRIOR HARVEST |
| [Vertical lines]   | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-214</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>34</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1199</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190110</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 18 acres VC6 16 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 34 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 25 acres High 3 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 6 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other Sarkar Management Area. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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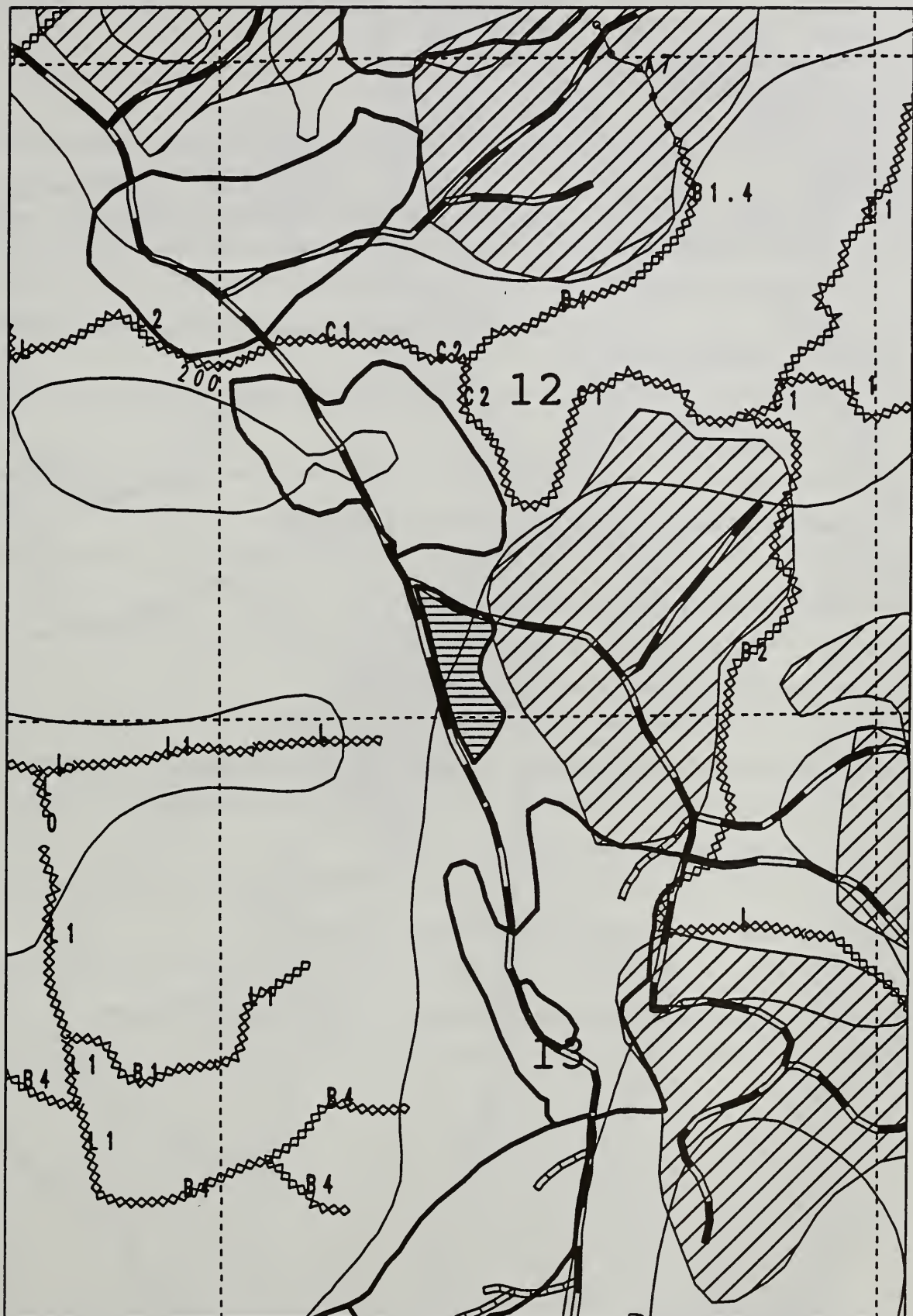
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

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UNIT 571-225



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-225</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>11</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>396</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190112</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 0 acres VC6 2 acres VC7 5 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 4 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 1 acres of slopes > 75%.

TIMBER

Potentially very low volume per acre.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

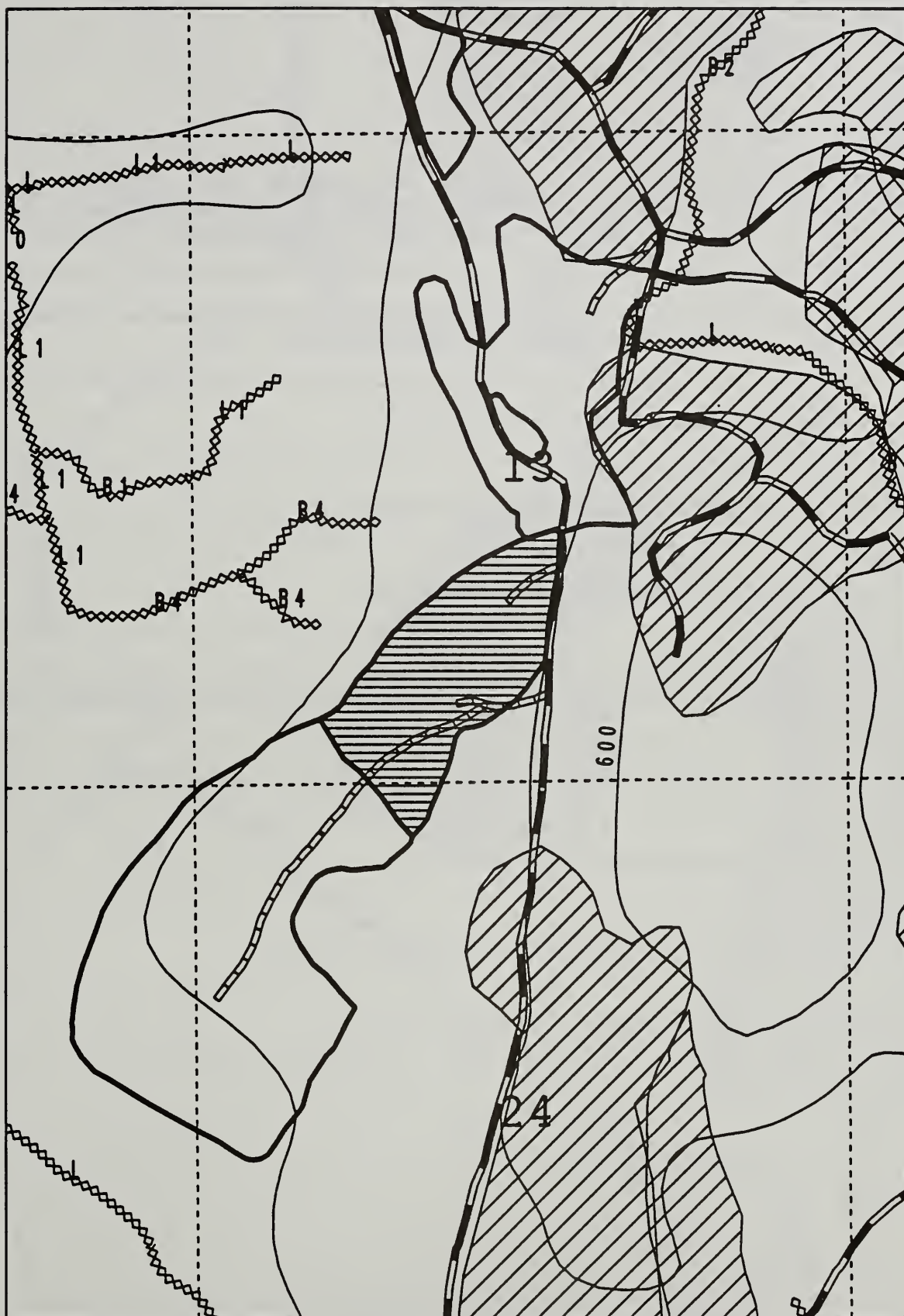
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 571-226



- — — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- — ● — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-226</u>	Alternatives considered <u>4 5</u>
Planned acres <u>51</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1370</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190113</u>
Forest type <u>Cedar</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 33 acres VC5 12 acres VC6 0 acres VC7 5 acres  
Elevation breakdown: 0-800 ft. 51 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 46 acres Medium 0 acres High 5 acres Very High 0 acres

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SOILS

This unit contains 40 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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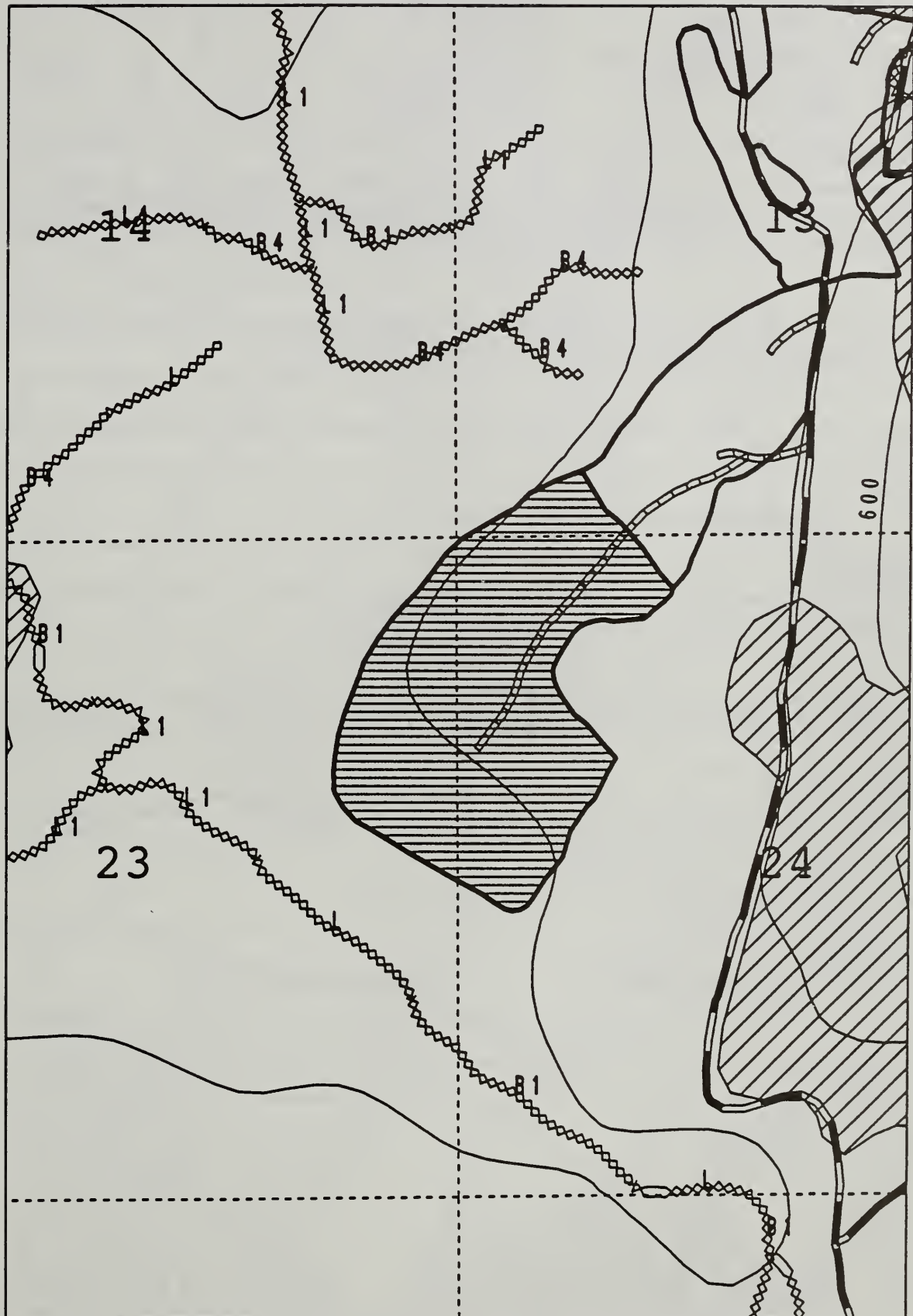
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 571-227



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +— CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-227</u>	Alternatives considered <u>2 4</u>
Planned acres <u>123</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>2670</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190114</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 119 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 123 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 118 acres Medium 5 acres High 0 acres Very High 0 acres

SOILS

This unit contains 77 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

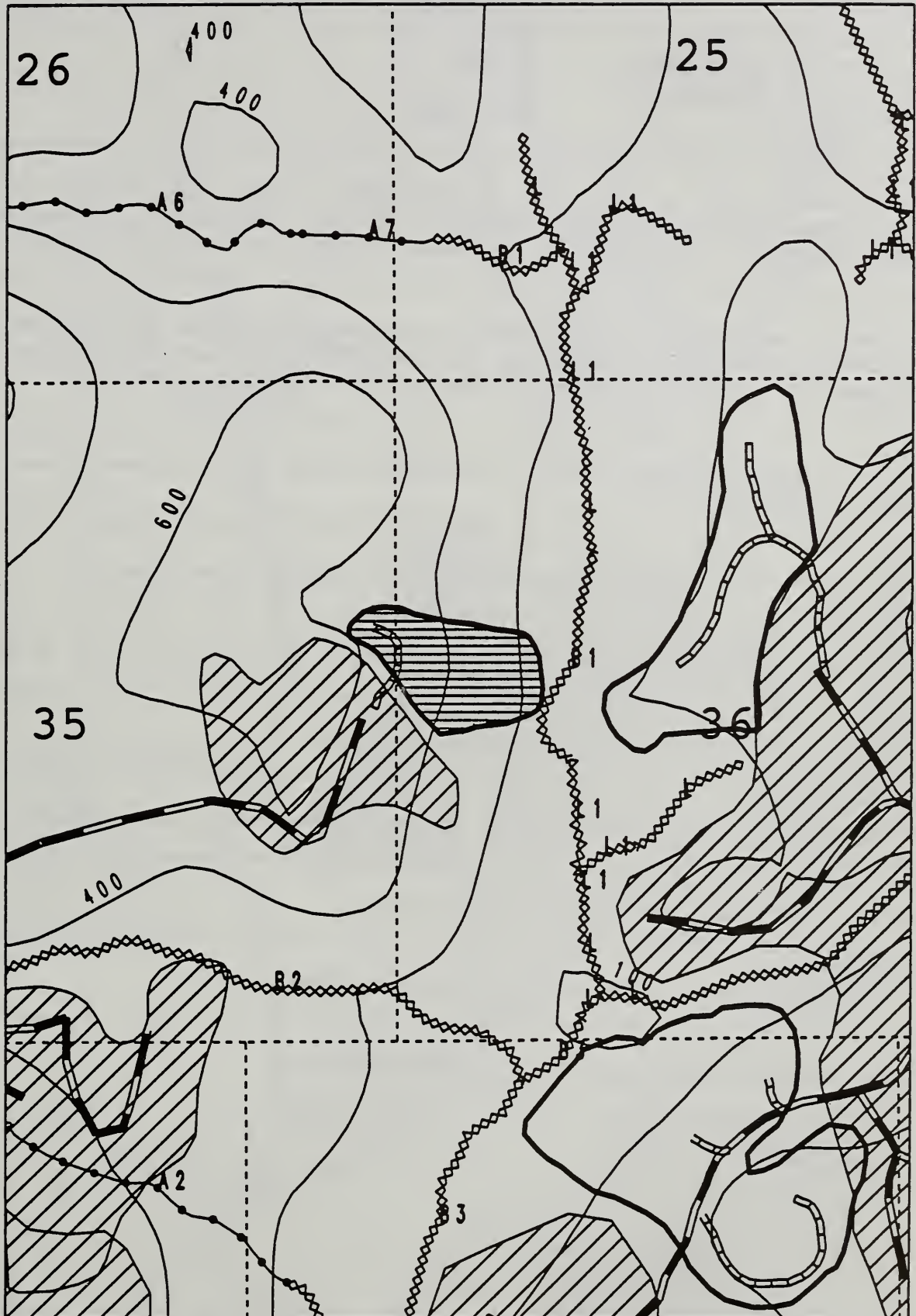
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 571-235



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ----  | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ----- | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ----- | EAGLE NEST    |
| ----- | PRIOR HARVEST |
| ----- | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-235</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>23</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>754</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 23 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 23 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 16 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs13.9, 13.16).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

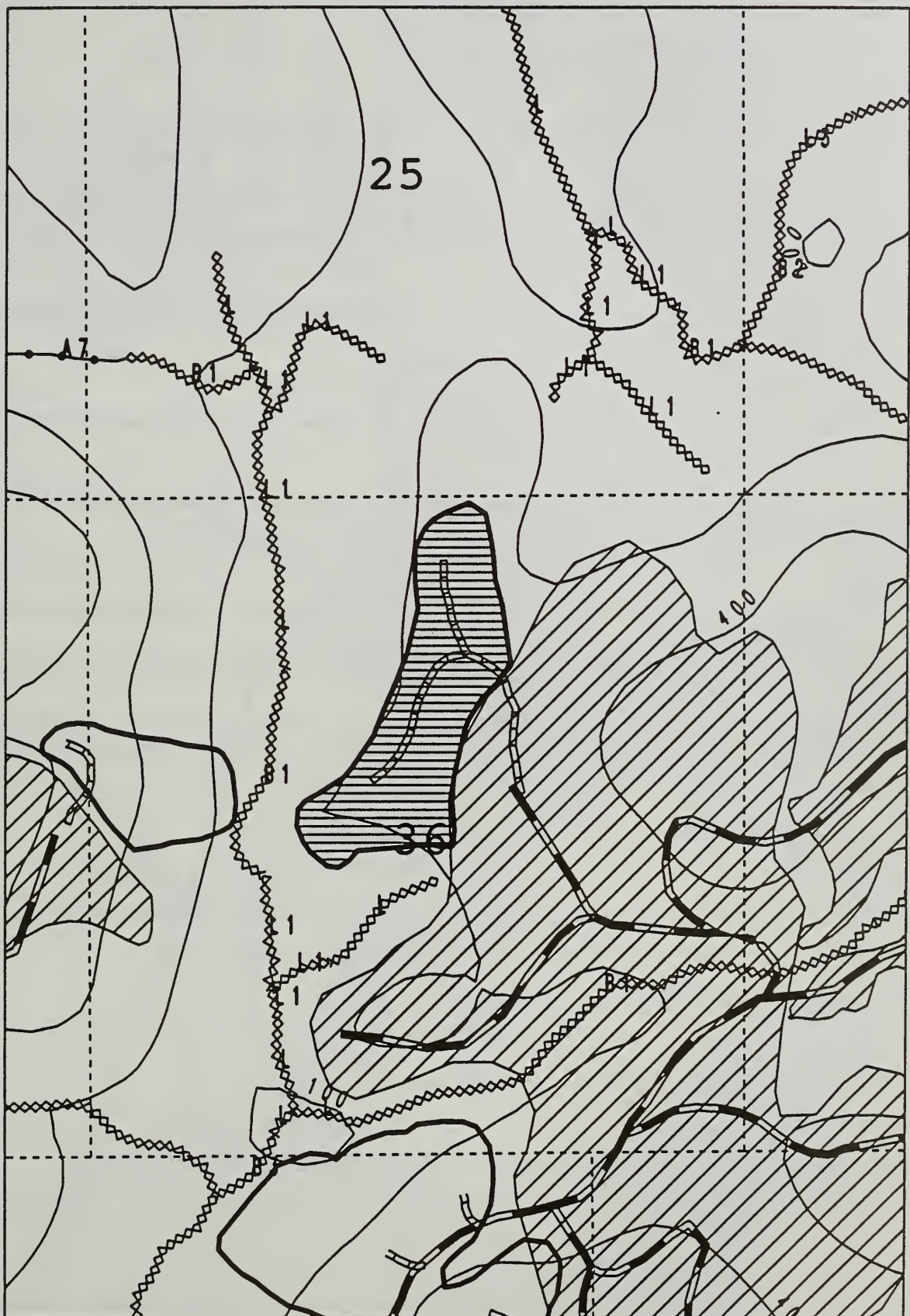
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 571-252



- — — — — UNCLASS. STREAM WITHIN UNITS
- x — x — x — CLASS 1 STREAM
- • — • — • — CLASS 2 STREAM
- + — + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIORITY HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-252</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>50</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>2541</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290040</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 50 acres  
Elevation breakdown: 0-800 ft. 50 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 29 acres High 21 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 21 acres of slopes > 75%.

---

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream. Immediately adjacent to a L class 1 stream. No harvest with 100 feet and partial cut within 100-500 feet of lake.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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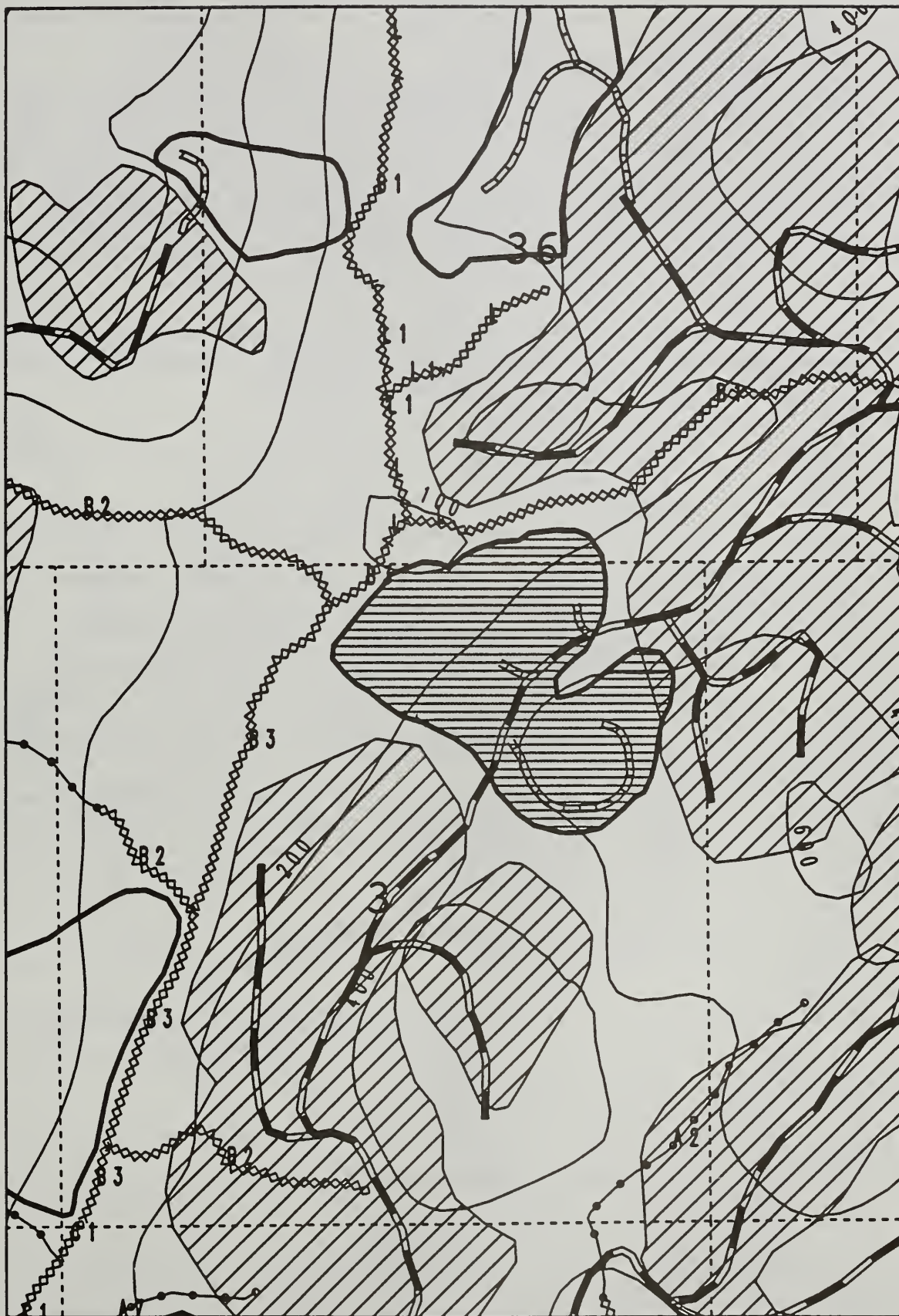
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

# UNIT 571-253



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-253</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>90</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>4118</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290038</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 14 acres VC6 0 acres VC7 72 acres  
Elevation breakdown: 0-800 ft. 90 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 20 acres Medium 26 acres High 44 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit contains 7 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 42 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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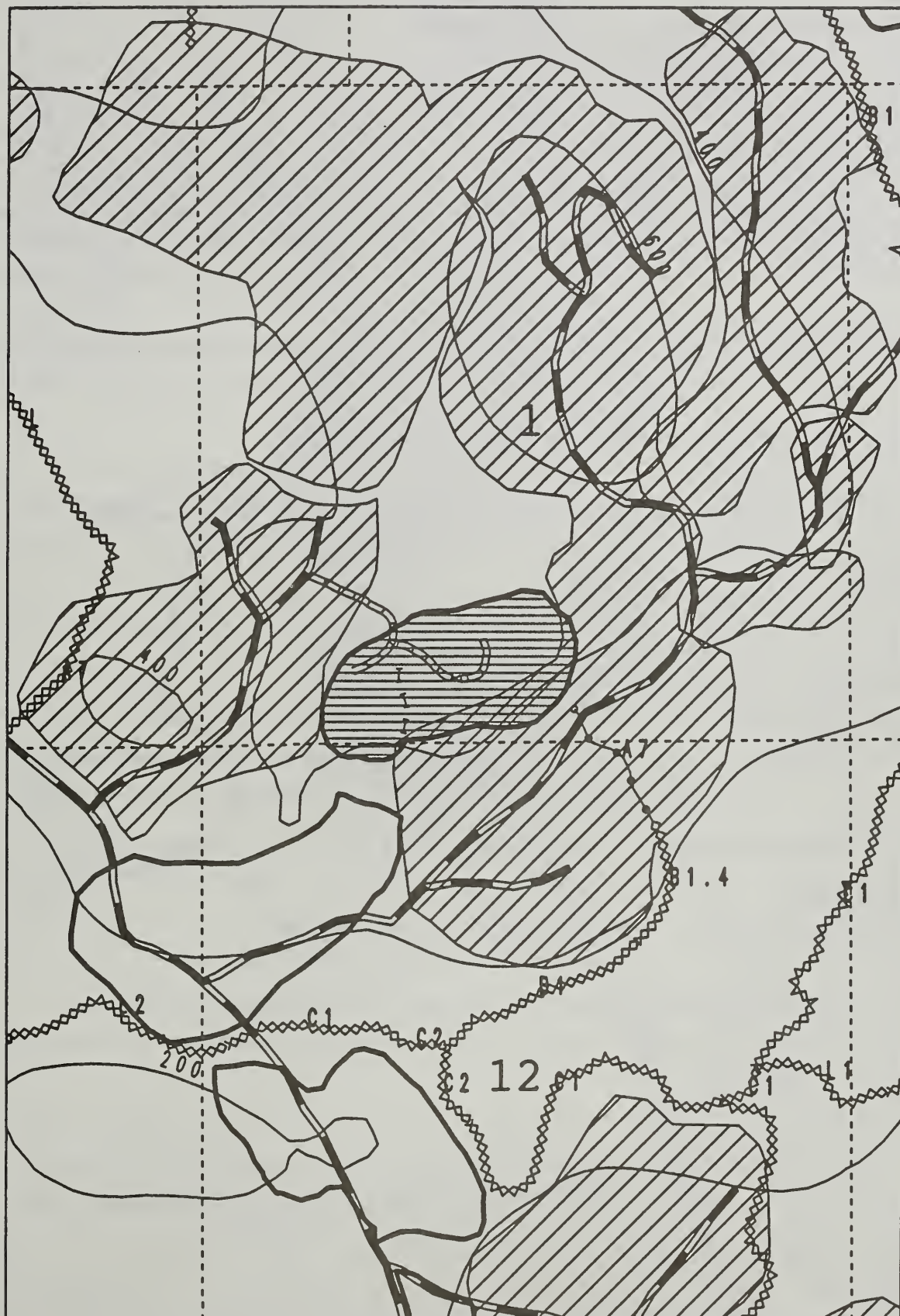
GEOLOGY



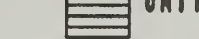
This unit is underlain with karst formation and has potential for significant cave resources.

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UNIT 571-256



- 
 UNCLASS. STREAM WITHIN UNITS  
 CLASS 1 STREAM  
 CLASS 2 STREAM  
 CLASS 3 STREAM  
 EXISTING ROADS  
 ALTERNATIVE ROAD  
 CONTOUR LINE  
 SECTION LINE
- NORTH  

- 
 UNIT  
 EAGLE NEST  
 PRIOR HARVEST  
 WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-256</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>43</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1599</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190112</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 34 acres VC7 6 acres  
Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 39 acres High 0 acres Very High 0 acres

SOILS

This unit has a slight possibility to be reclassified as MMI = 4.  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 571-257



- — — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ CLASS 1 STREAM
- — — — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-257</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>66</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>2201</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190112</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 35 acres VC6 17 acres VC7 8 acres  
Elevation breakdown: 0-800 ft. 66 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 26 acres High 21 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has a slight possibility to be reclassified as MMI = 4.

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

This unit contains 35 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

The road into this unit crosses a C1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a L2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

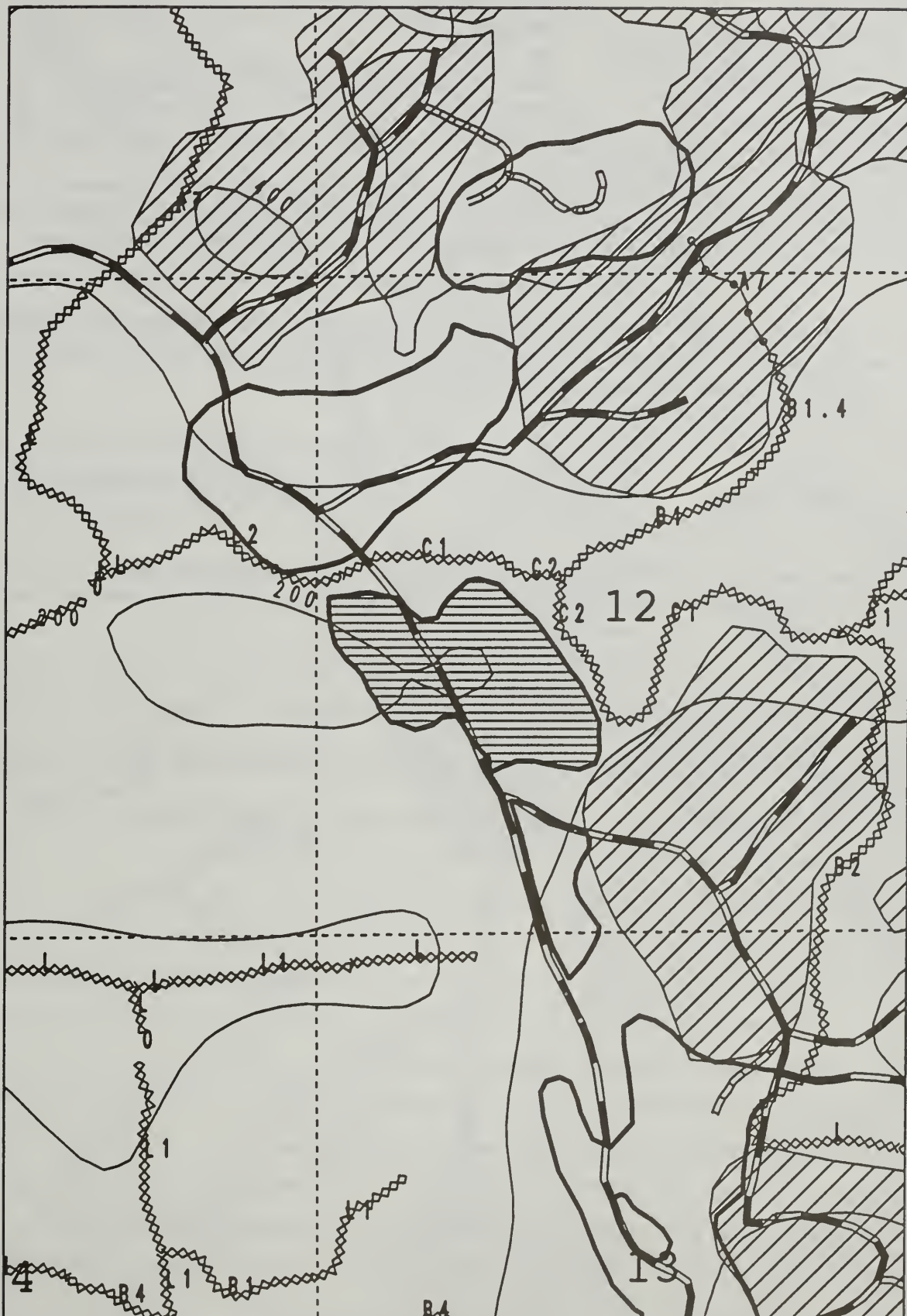
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 571-258



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-258</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>47</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1359</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190112</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 1 acres VC6 22 acres VC7 1 acres  
Elevation breakdown: 0-800 ft. 47 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 0 acres High 21 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 30 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a C1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

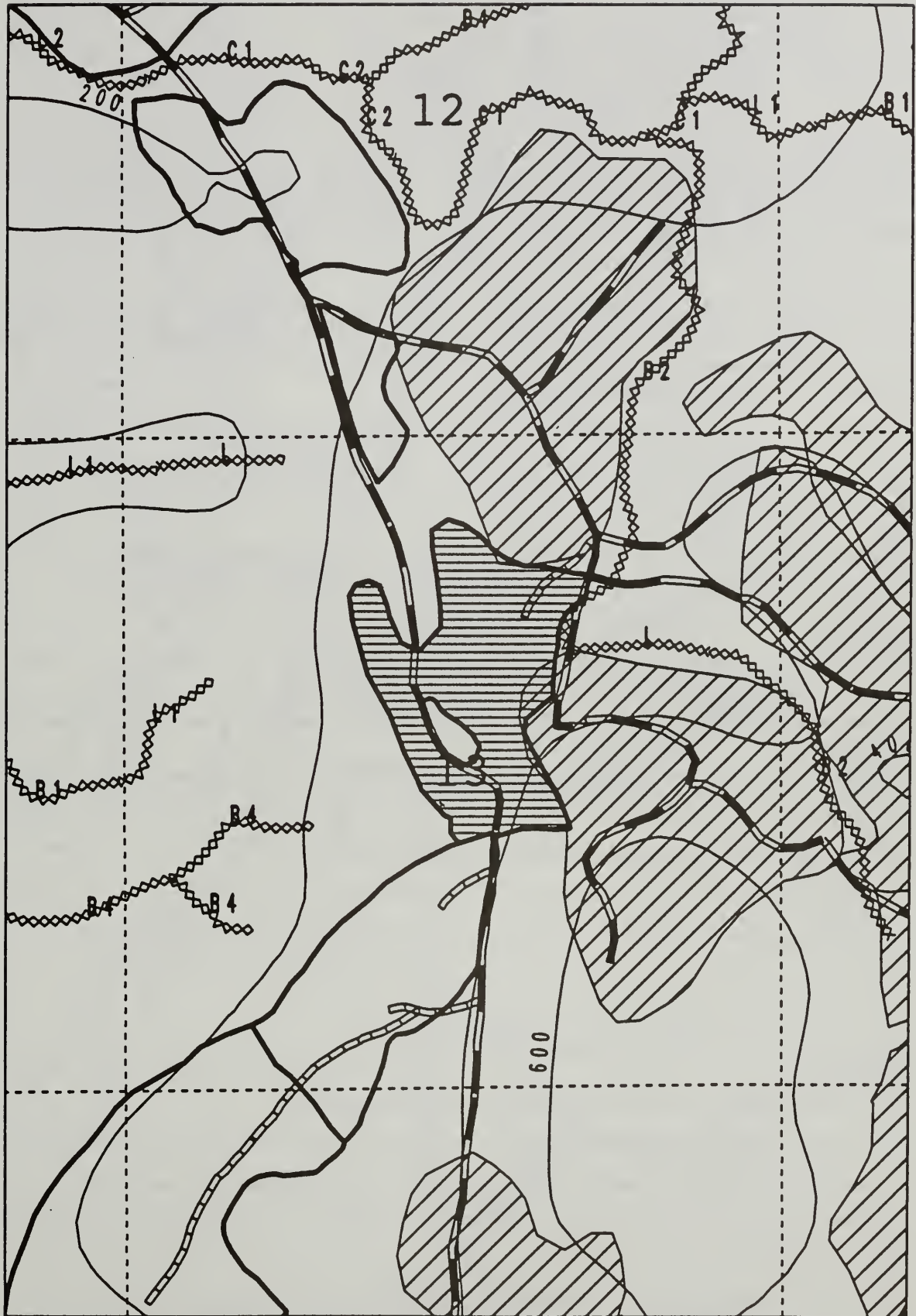
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 571-260



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+— CLASS 3 STREAM
- +—+—+— EXISTING ROADS
- +—+—+— ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-260</u>	Alternatives considered <u>2</u>
Planned acres <u>61</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>2252</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190113</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 5 acres VC5 8 acres VC6 0 acres VC7 37 acres  
Elevation breakdown: 0-800 ft. 61 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 27 acres Medium 1 acres High 33 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 20 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
Immediately adjacent to a C2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

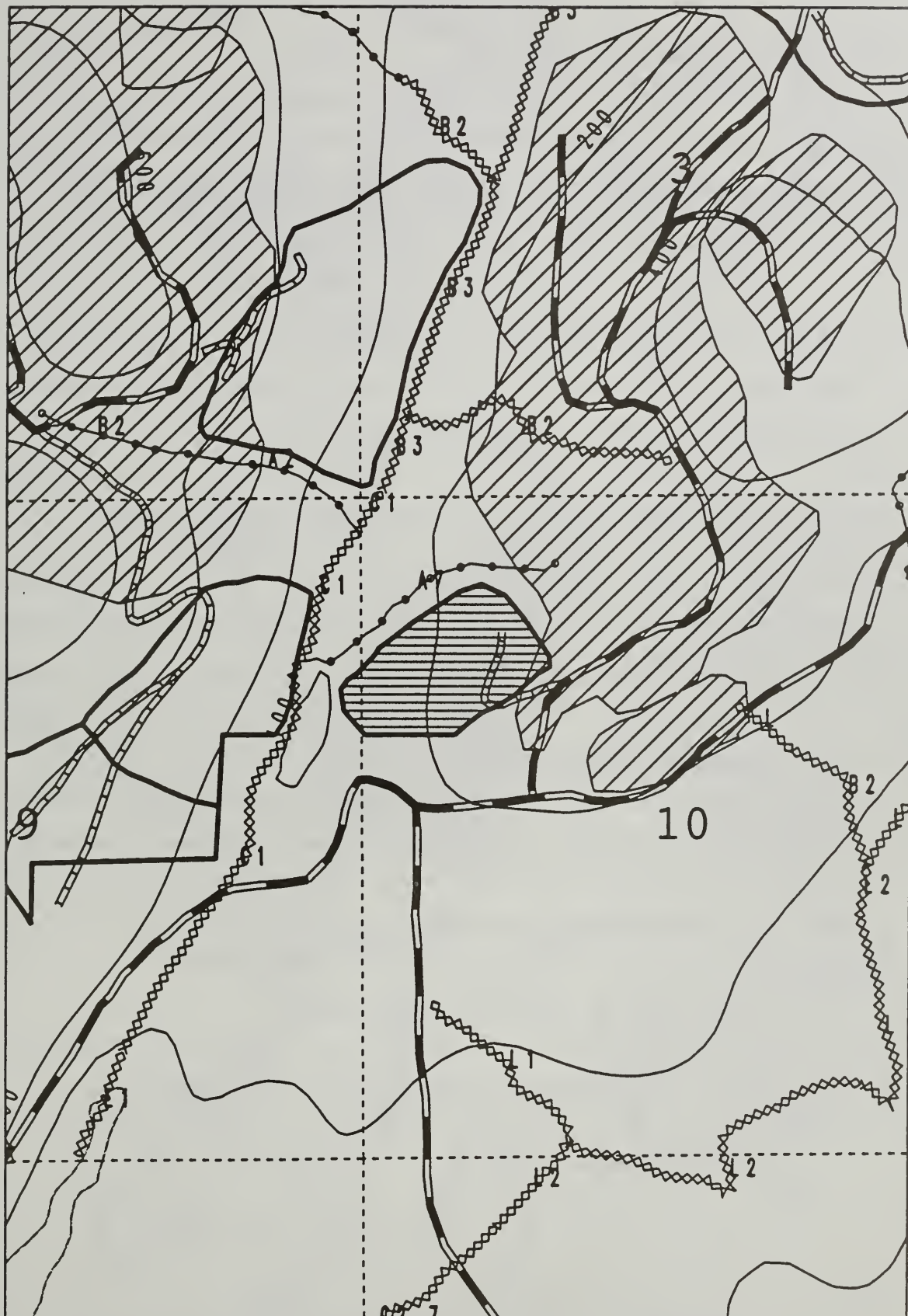
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 571-265



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-265</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>31</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1474</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290037</u>
Forest type <u>Spruce</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 29 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 5 acres High 24 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 571-266



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-266</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>72</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>3659</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290037</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 72 acres  
Elevation breakdown: 0-800 ft. 72 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 13 acres High 57 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 57 acres of slopes > 75%.

---

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.

---

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

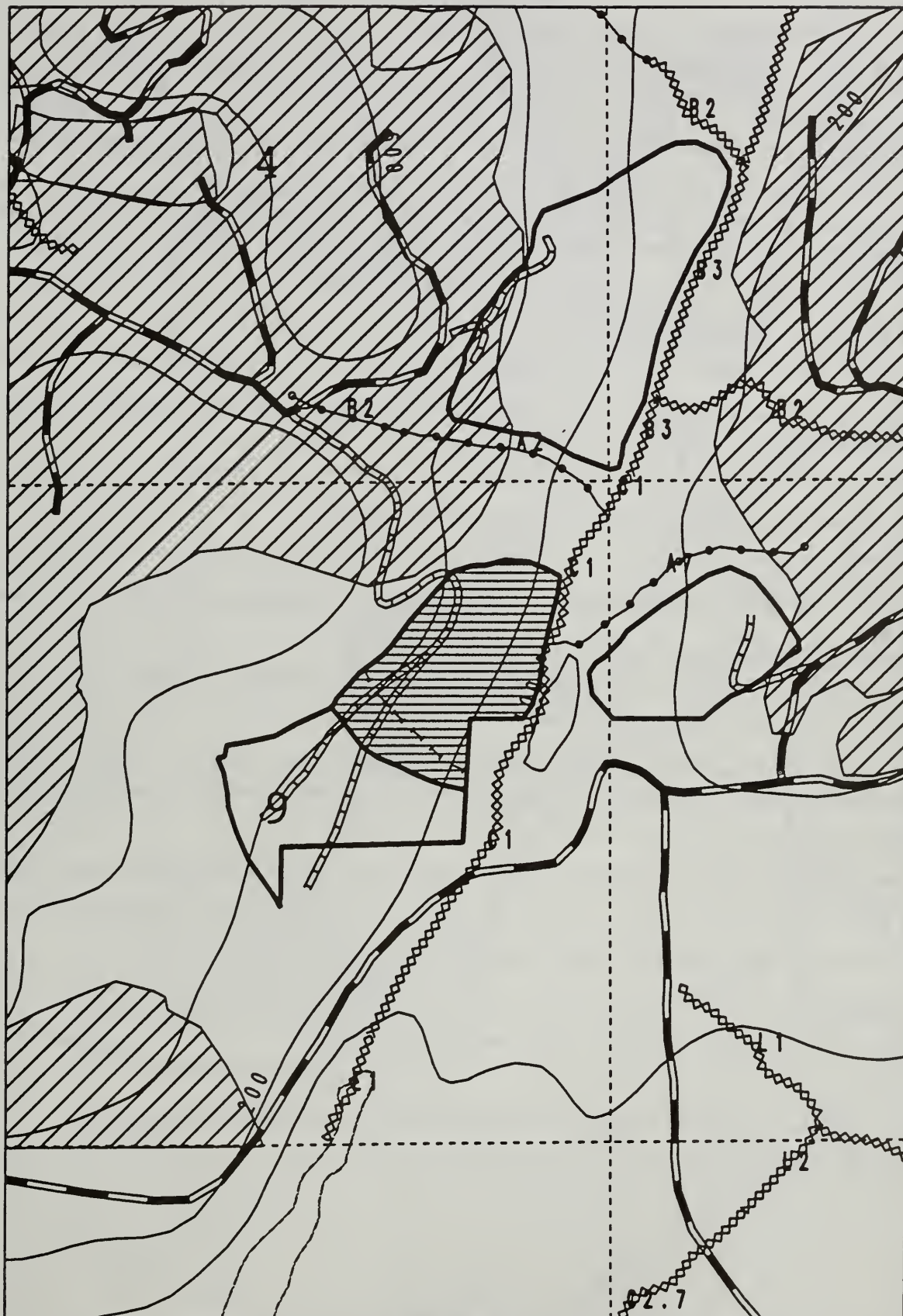
This unit is underlain with karst formation and has potential for significant cave resources.

---



SCALE 1:15840

# UNIT 571-267



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-267</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>47</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>2338</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290168</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 46 acres  
Elevation breakdown: 0-800 ft. 47 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 40 acres High 3 acres Very High 0 acres

SOILS

This unit contains 3 acres of slopes > 75%.

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs13.9, 13.16).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

This unit contains unclassified streams.

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

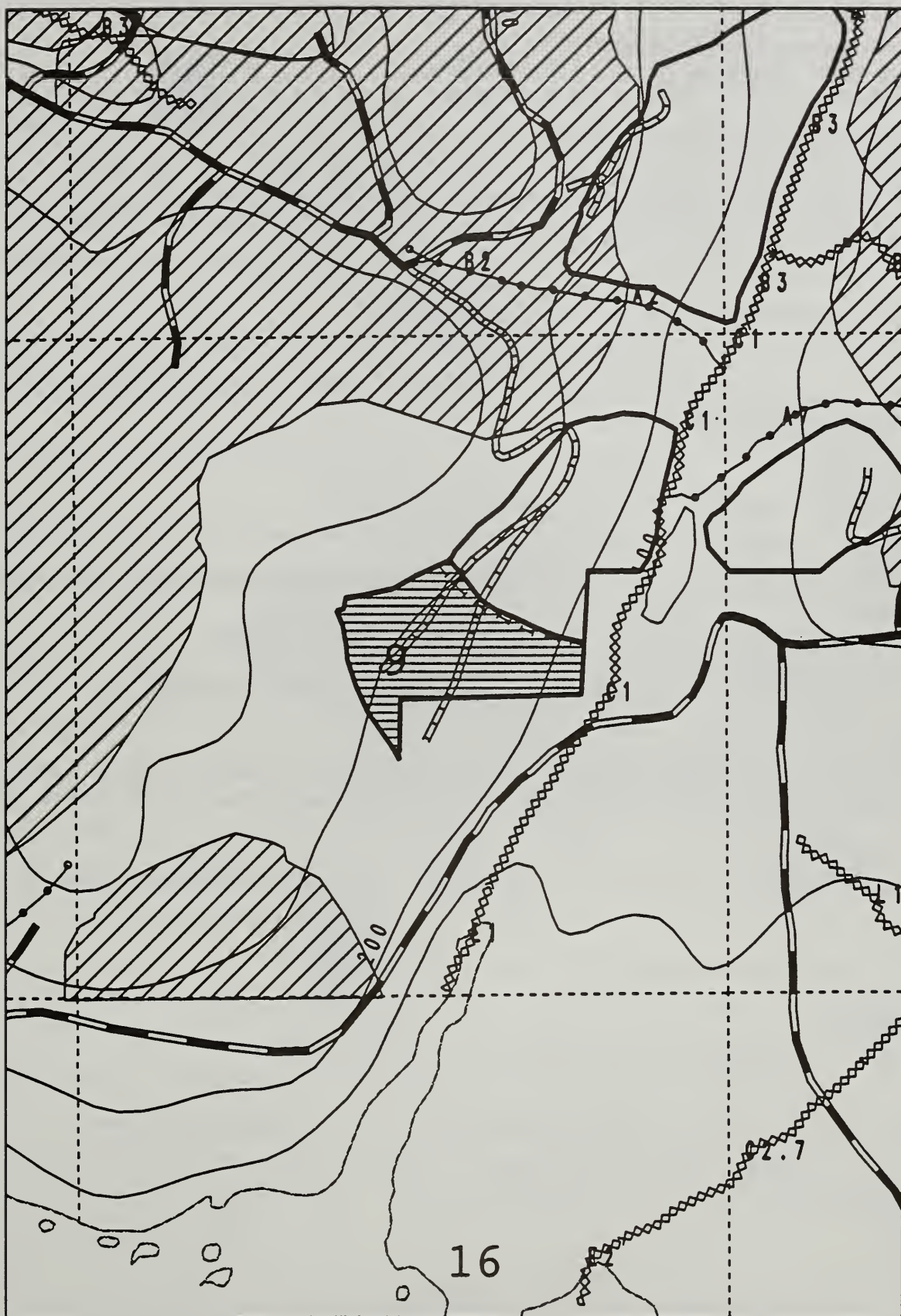
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 571-268



- UNCLASS. STREAM WITHIN UNITS
- ⋄⋄⋄⋄ CLASS 1 STREAM
- CLASS 2 STREAM
- ⋈—⋈ CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-268</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>63</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>3202</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290168</u>
Forest type <u>Spruce</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 63 acres  
Elevation breakdown: 0-800 ft. 63 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 28 acres Medium 35 acres High 0 acres Very High 0 acres

---

SOILS

There are no soils mitigation measures anticipated for this unit.

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TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs 13.9, 13.16).

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.

This unit contains unclassified streams.

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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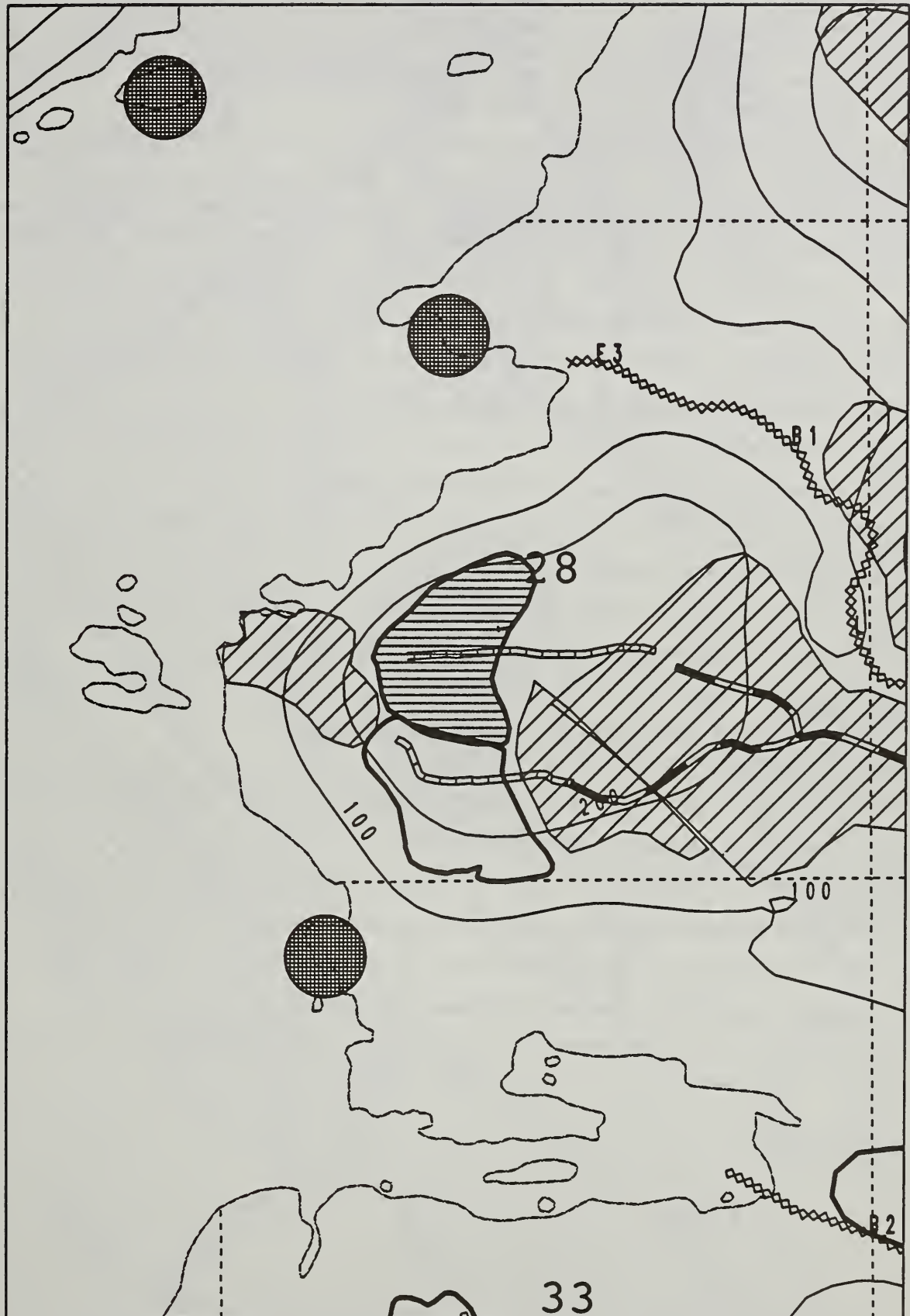
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

---

SCALE 1:15840

# UNIT 571-274



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>571-274</u>	Alternatives considered <u>2 4</u>
Planned acres <u>28</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1423</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290170</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 28 acres  
Elevation breakdown: 0-800 ft. 28 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 28 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Tuxekan Pass  
as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

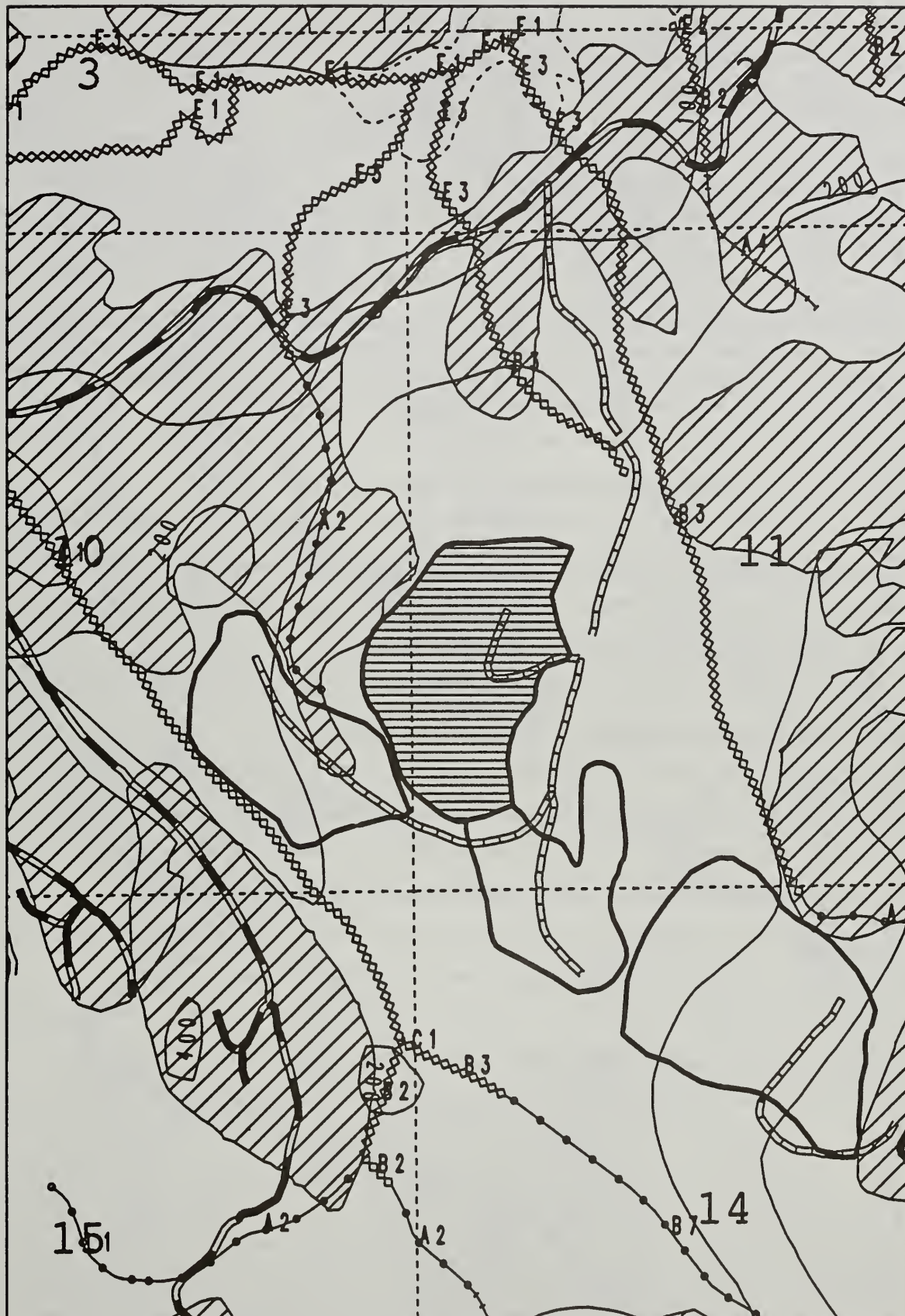
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 572-211



- — — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ ○ CLASS 1 STREAM
- ● ● ● ● CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>572-211</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>59</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1433</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690156</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 46 acres VC5 13 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 59 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 36 acres Medium 0 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 45 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

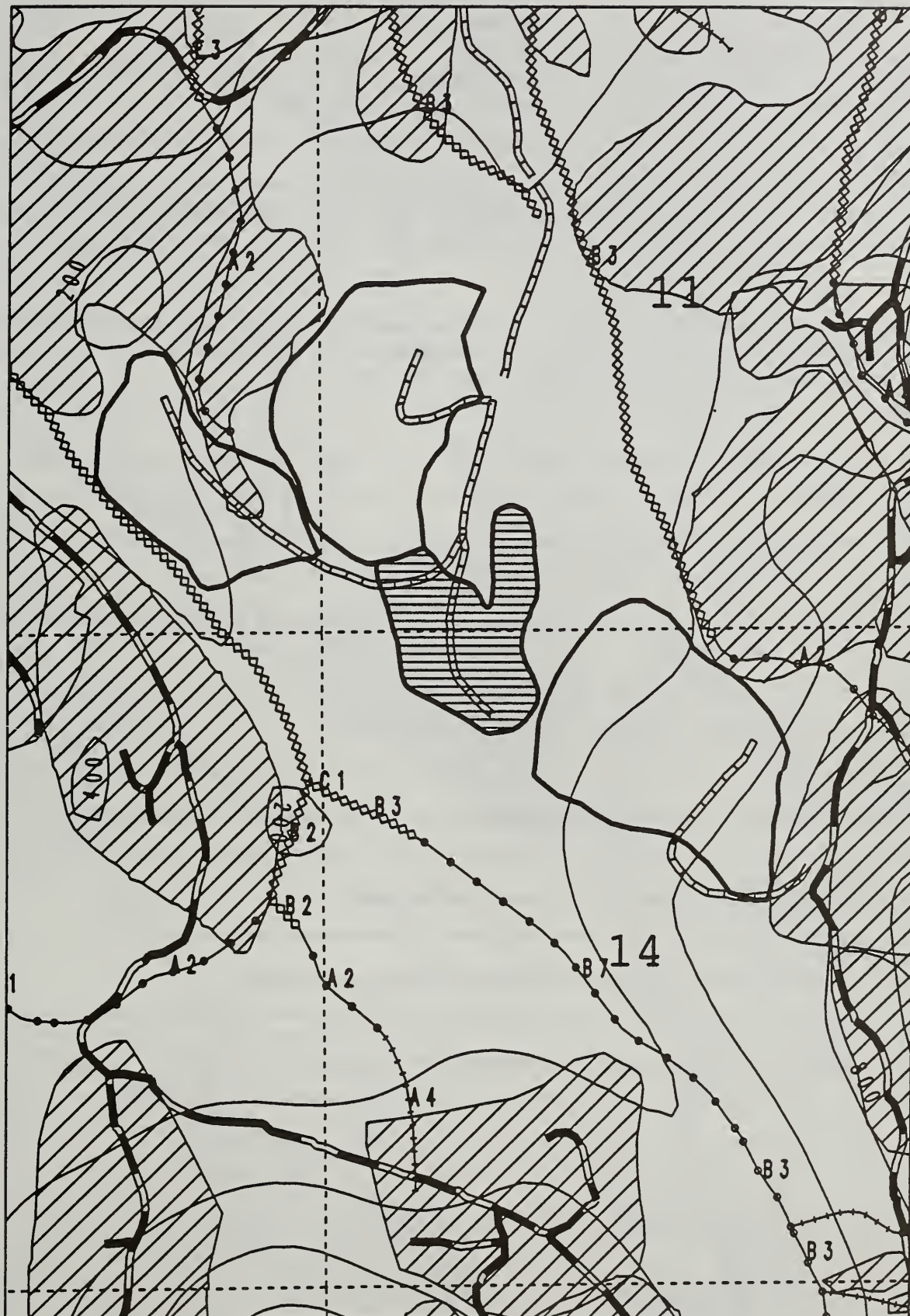
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.



UNIT 572-212



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>572-212</u>	Alternatives considered <u>4</u>
Planned acres <u>33</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>722</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690156</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 33 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 33 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

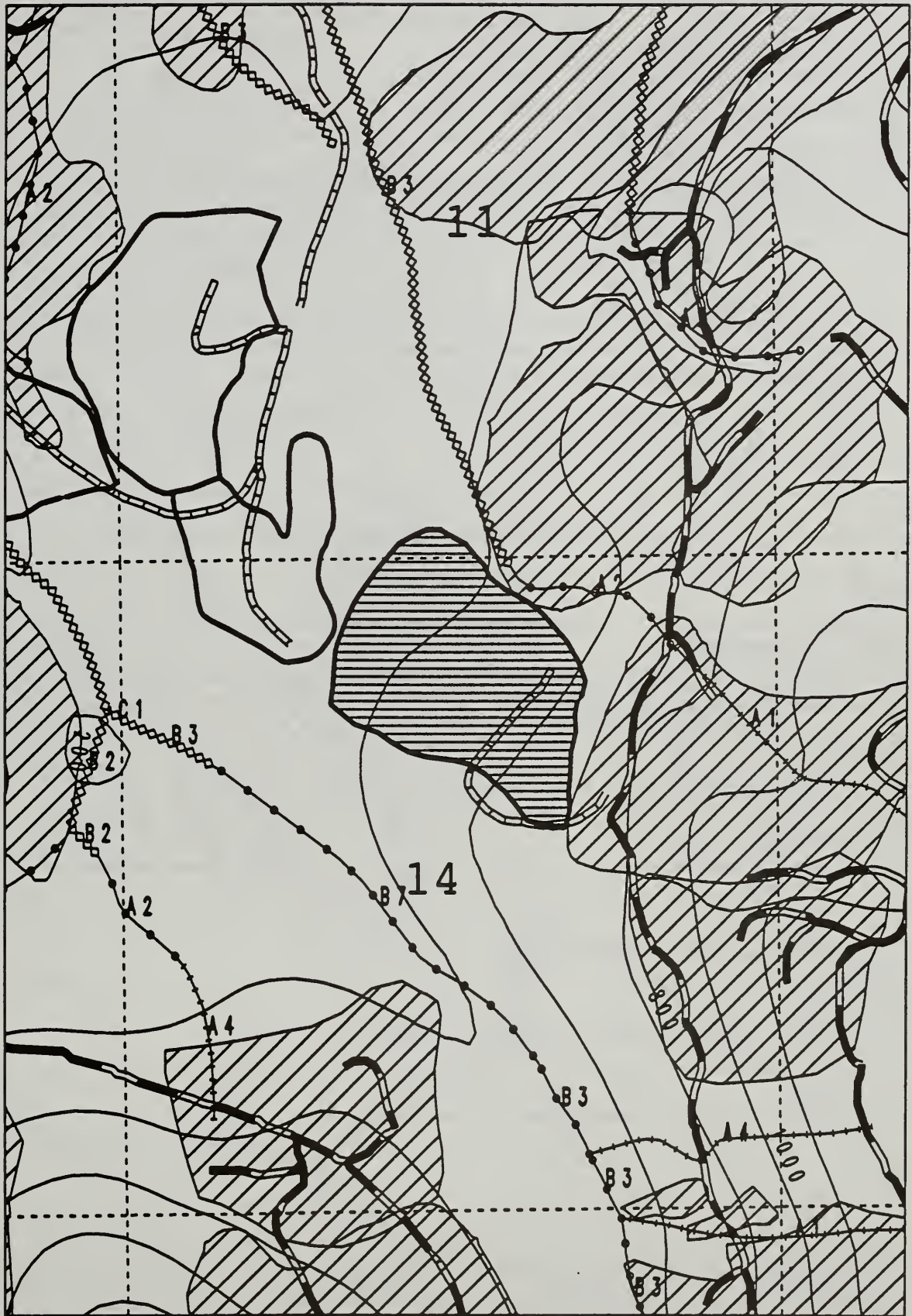
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 572-221



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>572-221</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>68</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>711</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690157</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 31 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 68 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 53 acres Medium 5 acres High 10 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 45 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

Potentially very low volume per acre.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

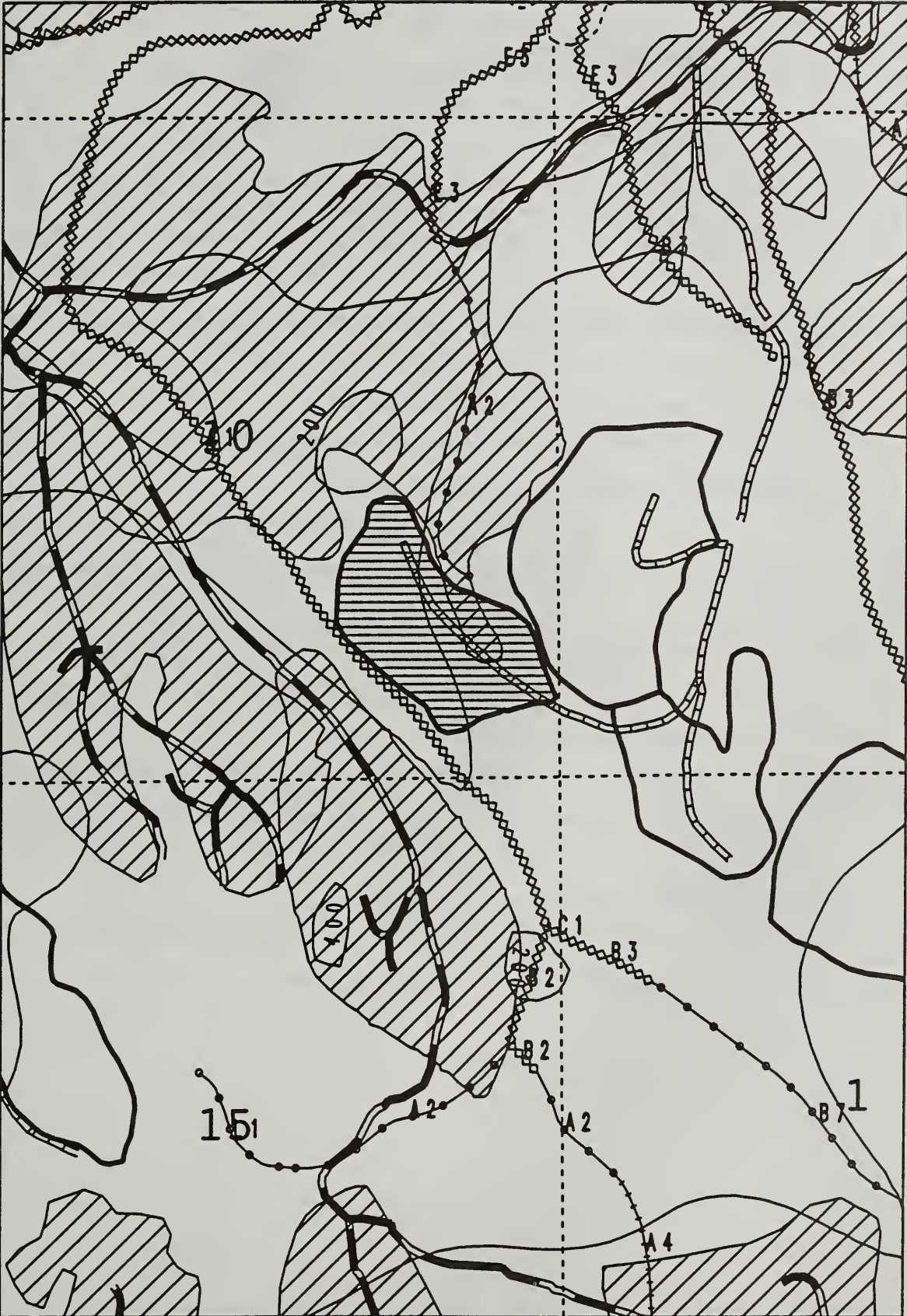
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 572-222



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>572-222</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>40</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1364</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u> WAA <u>1420</u>	Photo <u>690156</u>
Silvicultural system <u>Clearcut</u>	Aspect <u>South</u>
Forest type <u>Hemlock</u>	

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 23 acres VC6 0 acres VC7 12 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 37 acres Medium 0 acres High 3 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

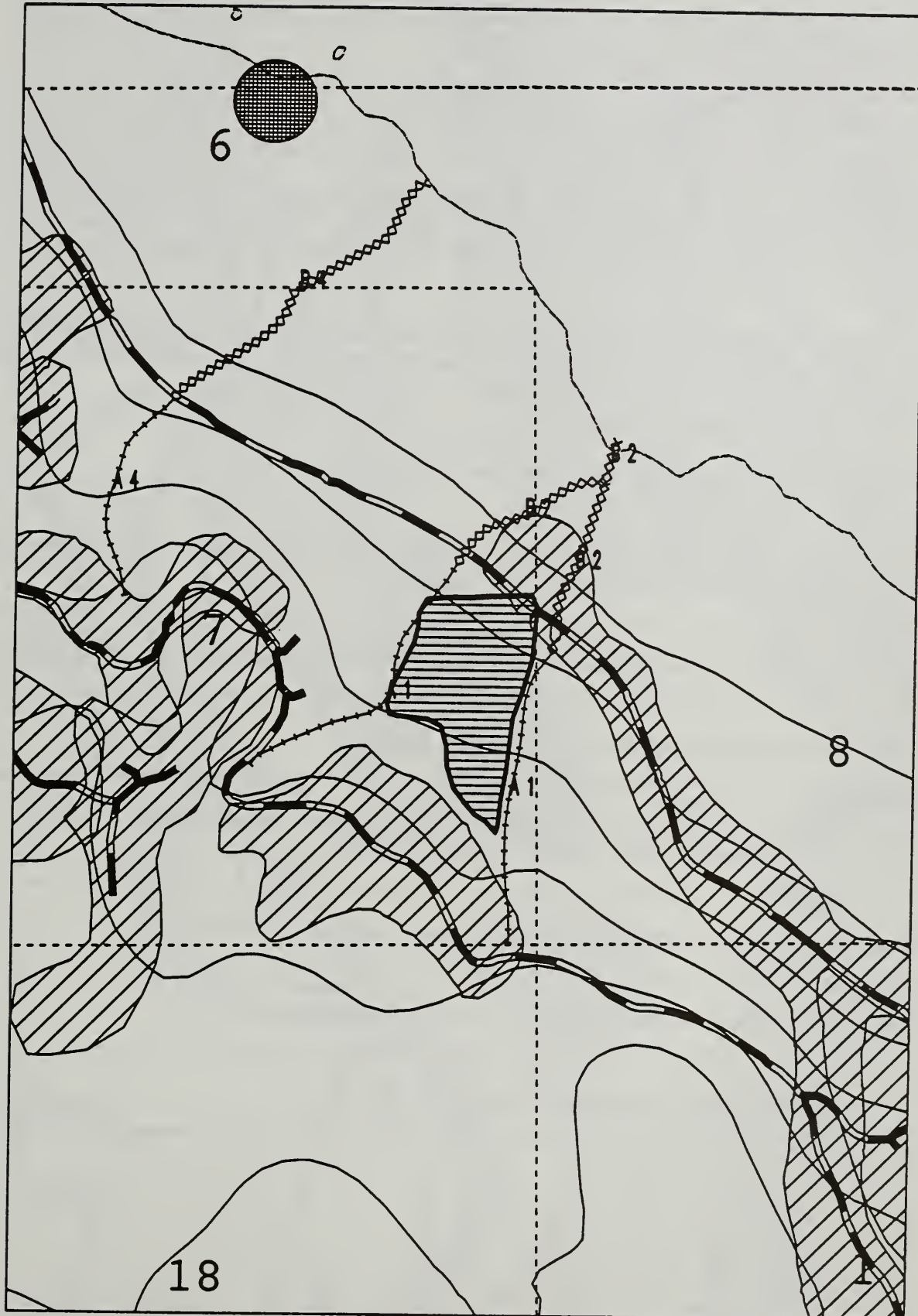
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 572-226



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>572-226</u>	Alternatives considered <u>2</u>
Planned acres <u>30</u>	Quad <u>CRGD3NEN</u>
Estimated volume (mbf) <u>889</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090101</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 10 acres VC6 9 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 30 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 14 acres Medium 9 acres High 7 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

The road into this unit crosses a B2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Coffman Cove)  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

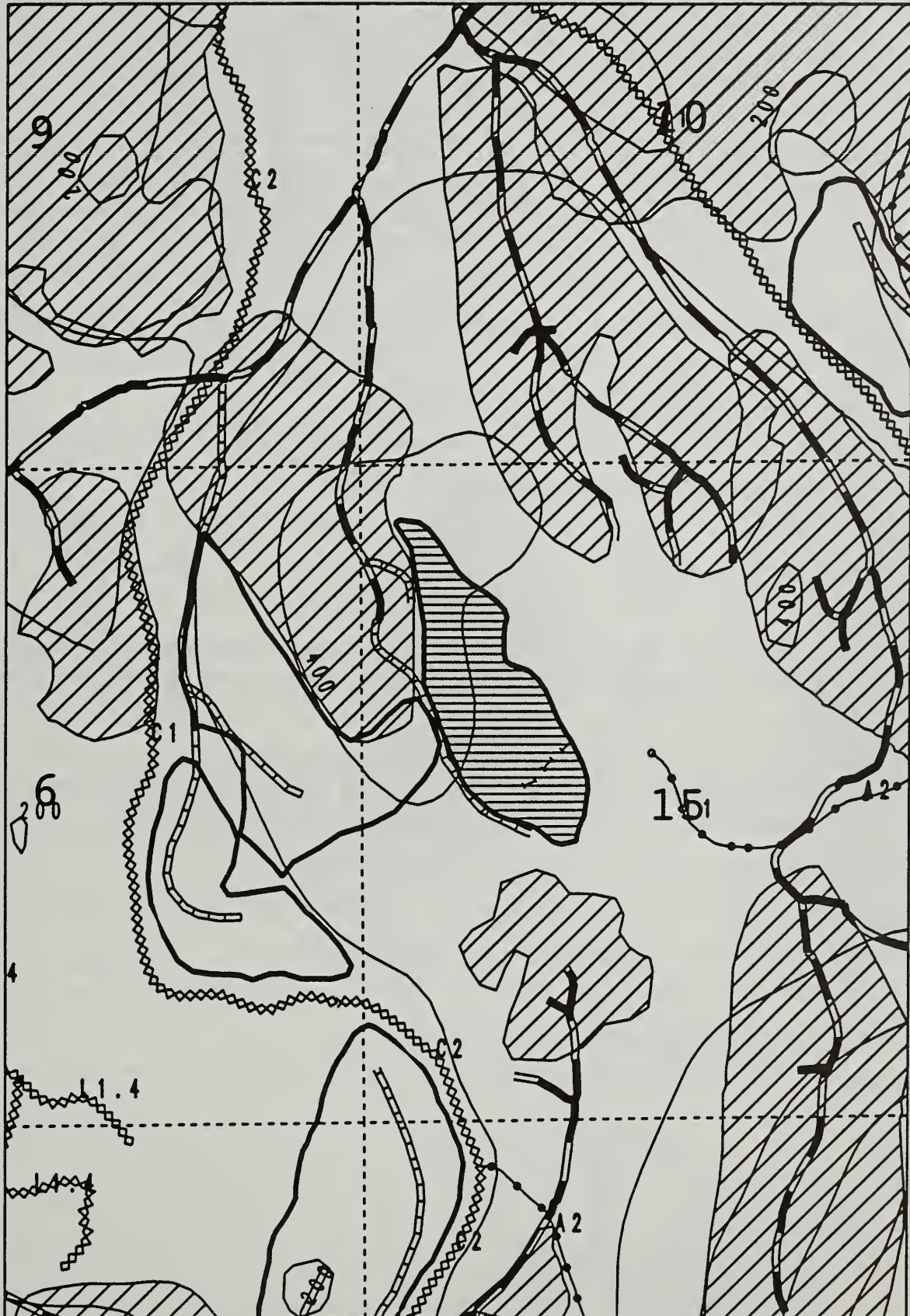
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-203



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ===== EXISTING ROADS
- ===== ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-203</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>41</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>908</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990074</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 37 acres VC5 3 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 41 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 41 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

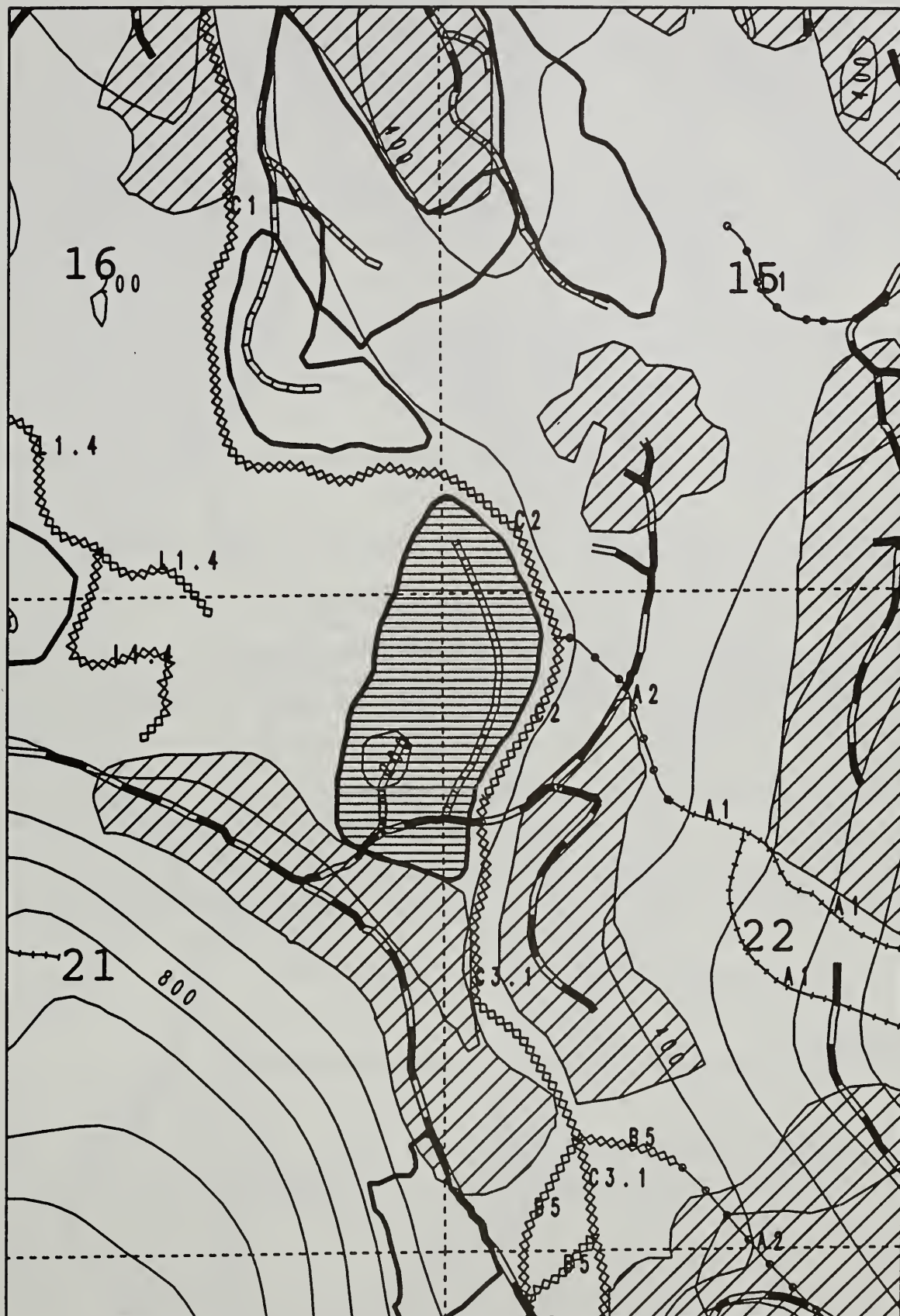
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 573-206



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-206</u>	Alternatives considered <u>2</u>
Planned acres <u>73</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1907</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 24 acres VC5 41 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 73 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 51 acres Medium 21 acres High 1 acres Very High 0 acres

SOILS

This unit contains 61 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 6 acres of riparian soils. Maintain water quality and fish habitat (BMPs 12.6, 13.9).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP 13.7).

ENGINEERING

This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP 14.13).

FISH/WATERSHED

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.  
This unit is immediately adjacent to a C3 stream. No harvest within 200 feet of stream.  
Immediately adjacent to a C2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

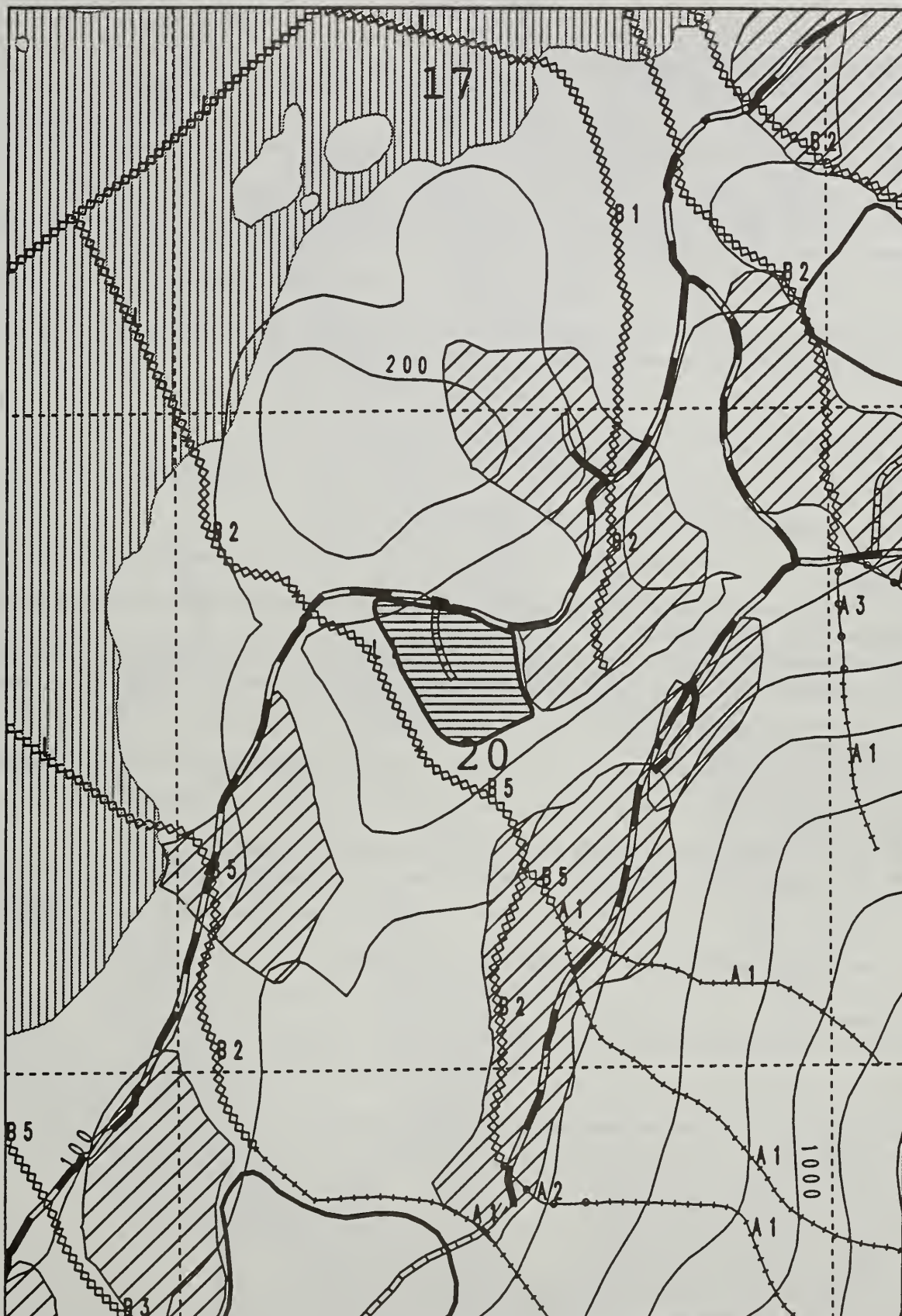
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-210



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +++++ CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- \_\_\_\_\_ CONTOUR LINE
- - - - - SECTION LINE



- [Hatched Box] UNIT
- [Cross-hatched Box] EAGLE NEST
- [Diagonal Lines Box] PRIOR HARVEST
- [Vertical Lines Box] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-210</u>	Alternatives considered <u>4</u>
Planned acres <u>21</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>633</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990058</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 10 acres VC6 4 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 21 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 2 acres High 0 acres Very High 0 acres

SOILS

This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit is immediately adjacent to a B5 stream. No harvest within active fan or 100 feet of stream.

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

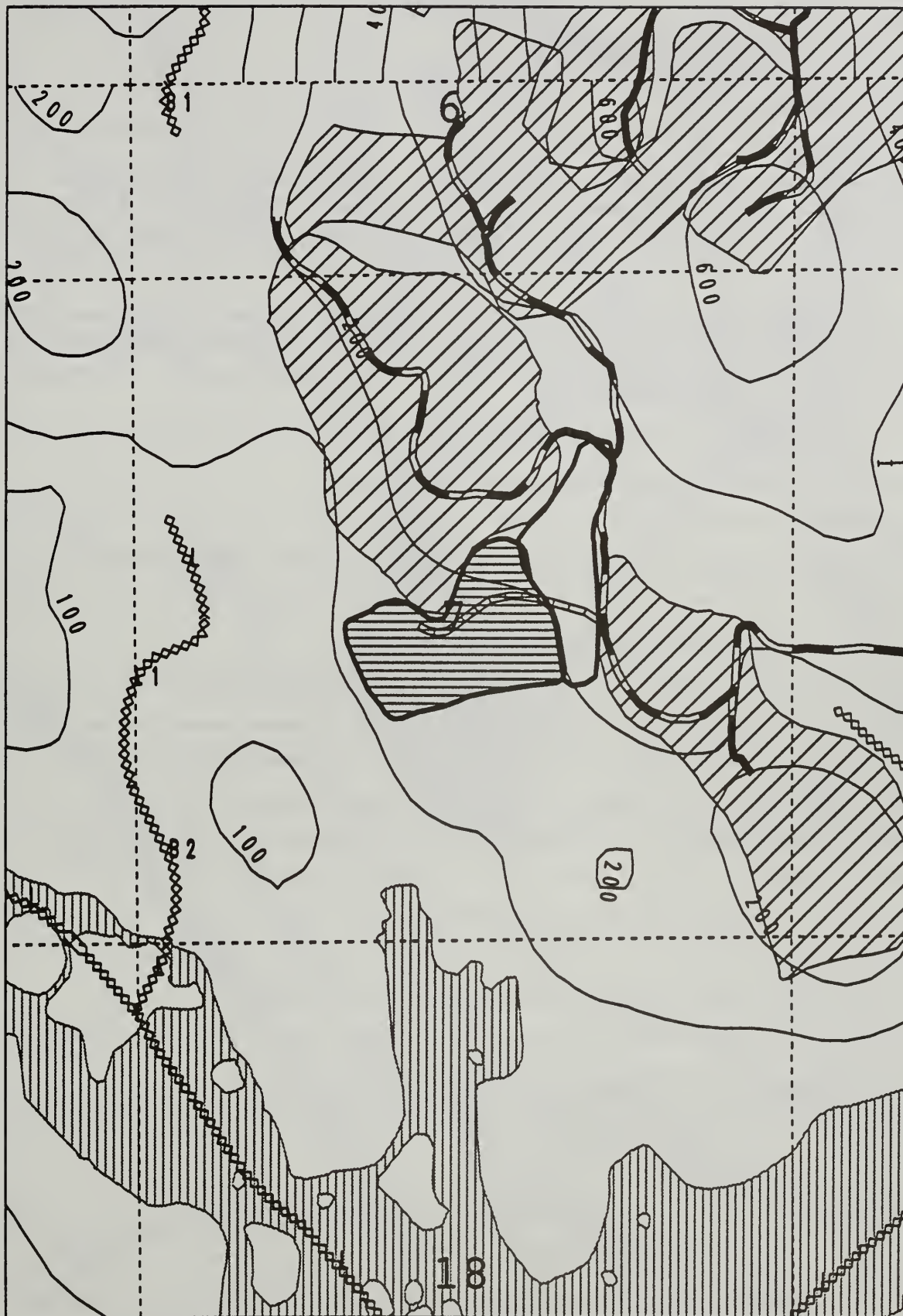
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-225



- |  |                              |
|--|------------------------------|
|  | UNCLASS. STREAM WITHIN UNITS |
|  | CLASS 1 STREAM               |
|  | CLASS 2 STREAM               |
|  | CLASS 3 STREAM               |
|  | EXISTING ROADS               |
|  | ALTERNATIVE ROAD             |
|  | CONTOUR LINE                 |
|  | SECTION LINE                 |



- |  |               |
|--|---------------|
|  | UNIT          |
|  | EAGLE NEST    |
|  | PRIOR HARVEST |
|  | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-225</u>	Alternatives considered <u>4</u>
Planned acres <u>34</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>879</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890106</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 1 acres VC6 9 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 34 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 16 acres Medium 2 acres High 16 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 33 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

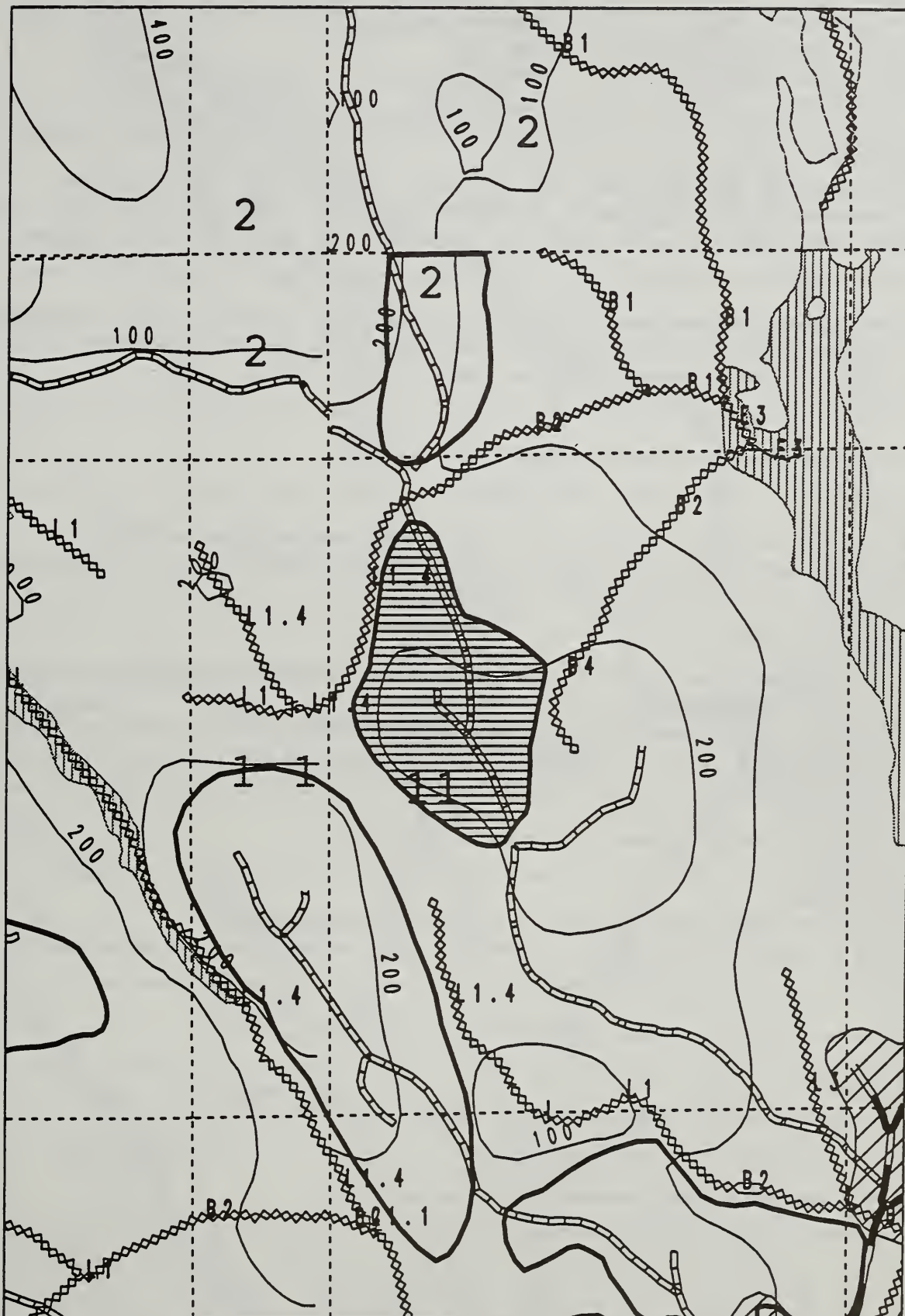
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 573-227



- — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- • — CLASS 2 STREAM
- + — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-227</u>	Alternatives considered <u>4</u>
Planned acres <u>56</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1574</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 24 acres VC5 32 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 56 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 32 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 55 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a L1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

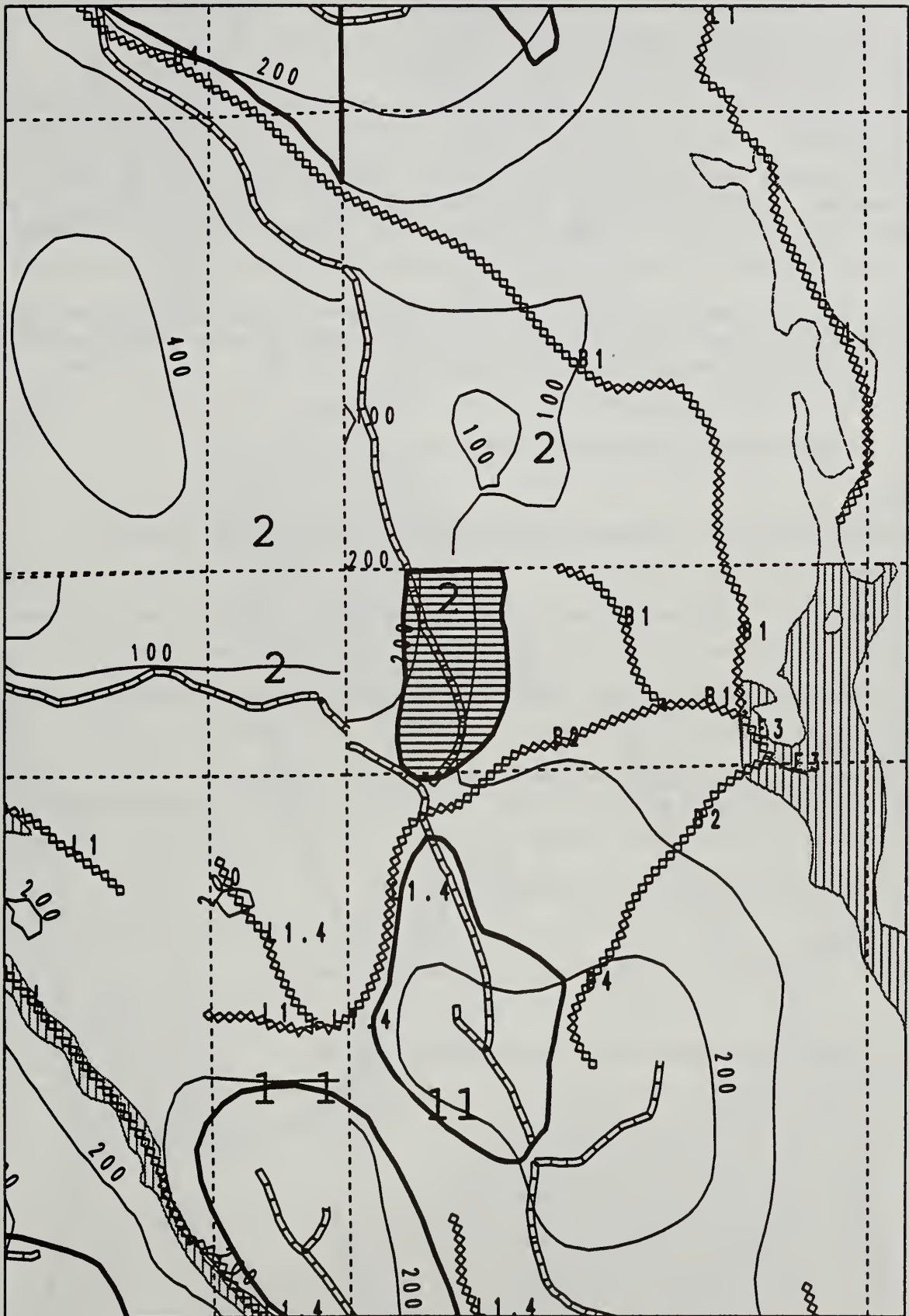
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-228



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-228</u>	Alternatives considered <u>4</u>
Planned acres <u>29</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>842</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190070</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 19 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 29 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 0 acres High 17 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

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RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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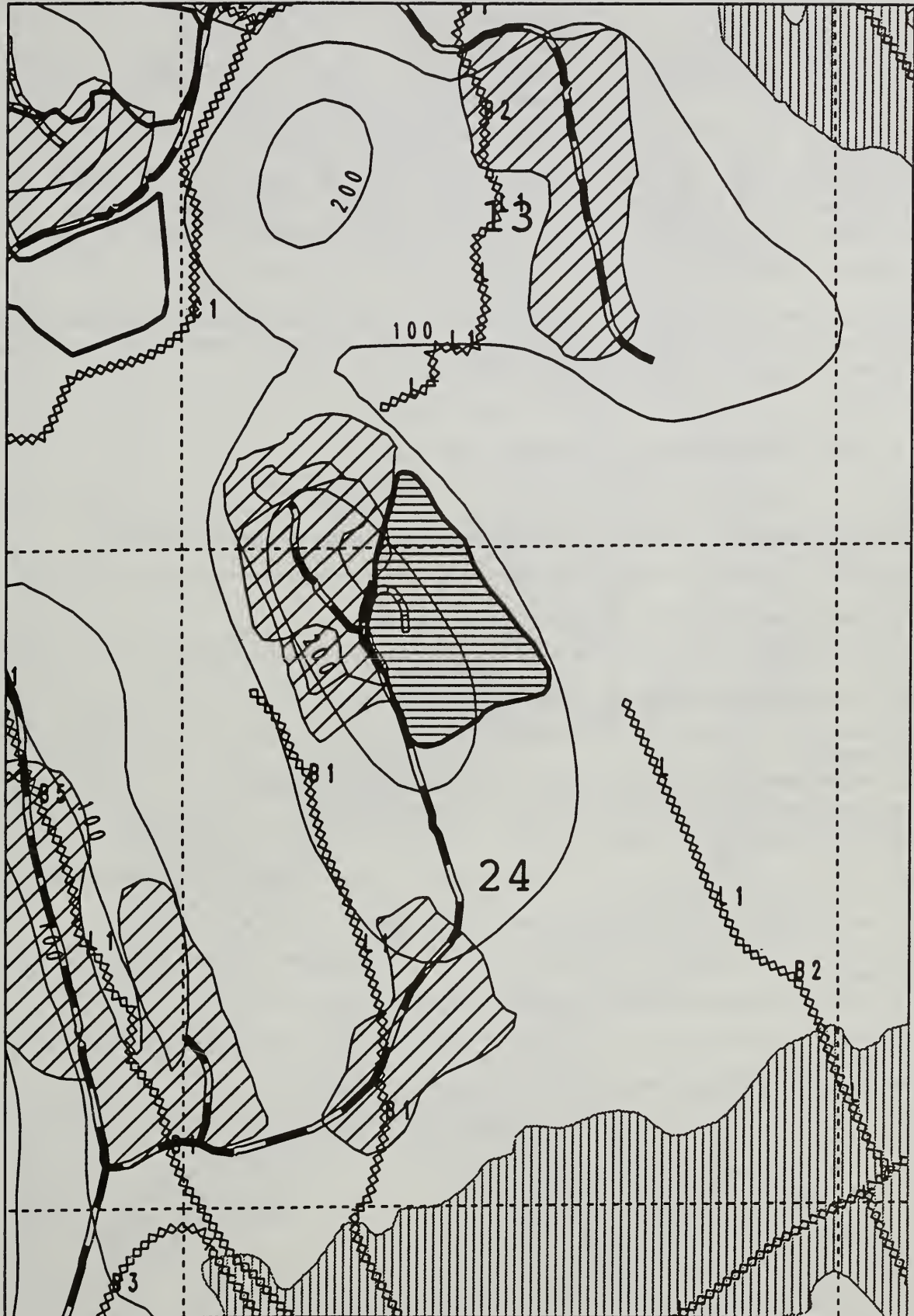
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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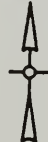
SCALE 1:15840

# UNIT 573-231



- — — — UNCLASS. STREAM WITHIN UNITS
- ⋄⋄⋄⋄⋄ CLASS 1 STREAM
- CLASS 2 STREAM
- +—+— CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-231</u>	Alternatives considered <u>4</u>
Planned acres <u>41</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1093</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 20 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 41 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 27 acres Medium 0 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 13 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of PR within the viewshed of Sweetwater Lake  
as viewed from from centerline of lake.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

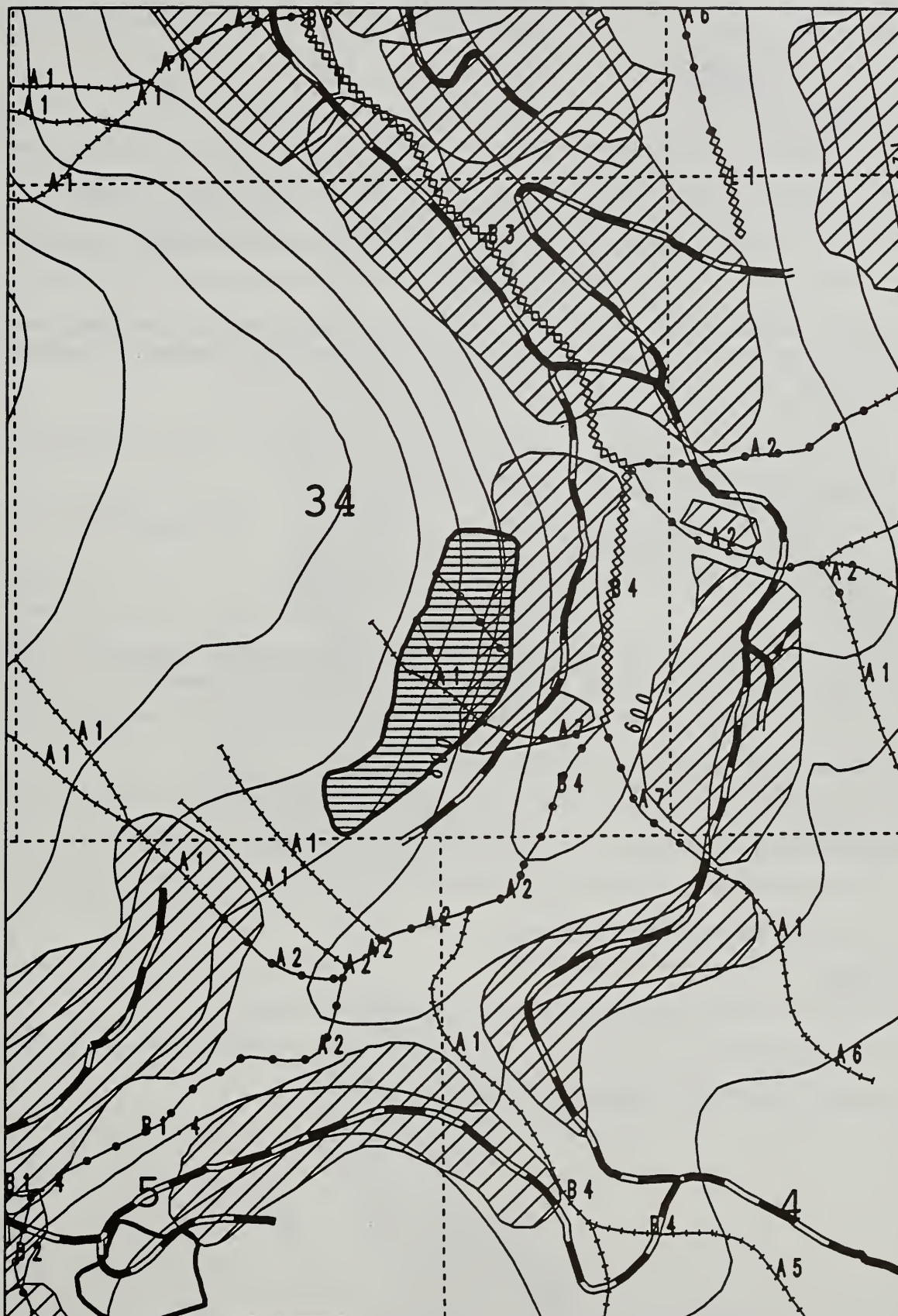
There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 573-237

A



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIORITY HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-237 A</u>	Alternatives considered <u>2</u>
Planned acres <u>38</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>853</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 33 acres VC5 4 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 5 acres 800-1200 ft. 33 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 0 acres High 37 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 23 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 26 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains aA1 class 2 stream. Allow no harvest within 100 feet and full suspension, if yarding across.  
This unit contains aA7 class 3 stream. No specific buffer required, but full suspension, if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

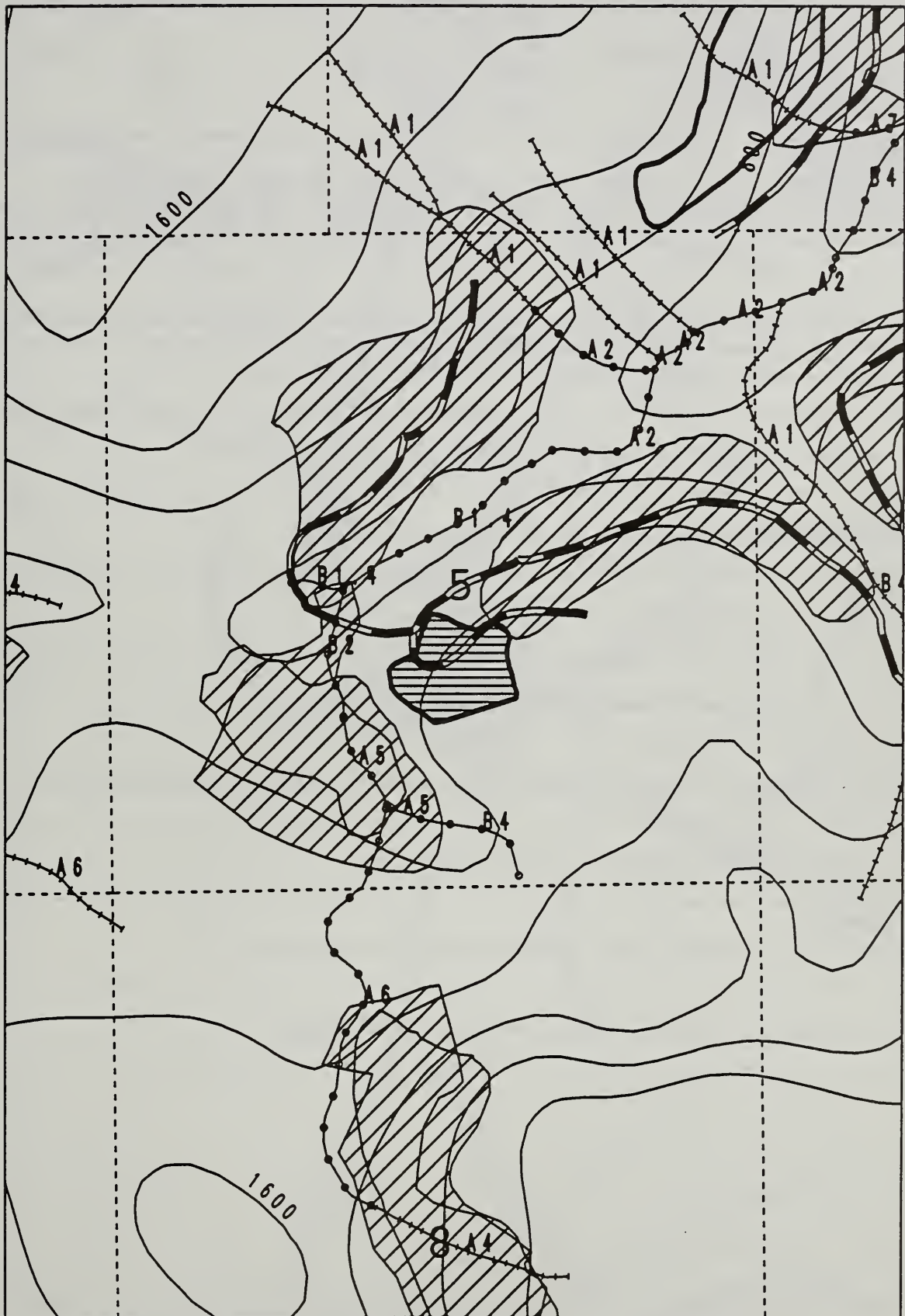
There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 573-237

B



- — — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ ○ CLASS 1 STREAM
- — — — — CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-237 B</u>	Alternatives considered <u>2</u>
Planned acres <u>14</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>479</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 0 acres VC6 12 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 5 acres 1200-1500 ft. 9 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 0 acres High 5 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 8 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

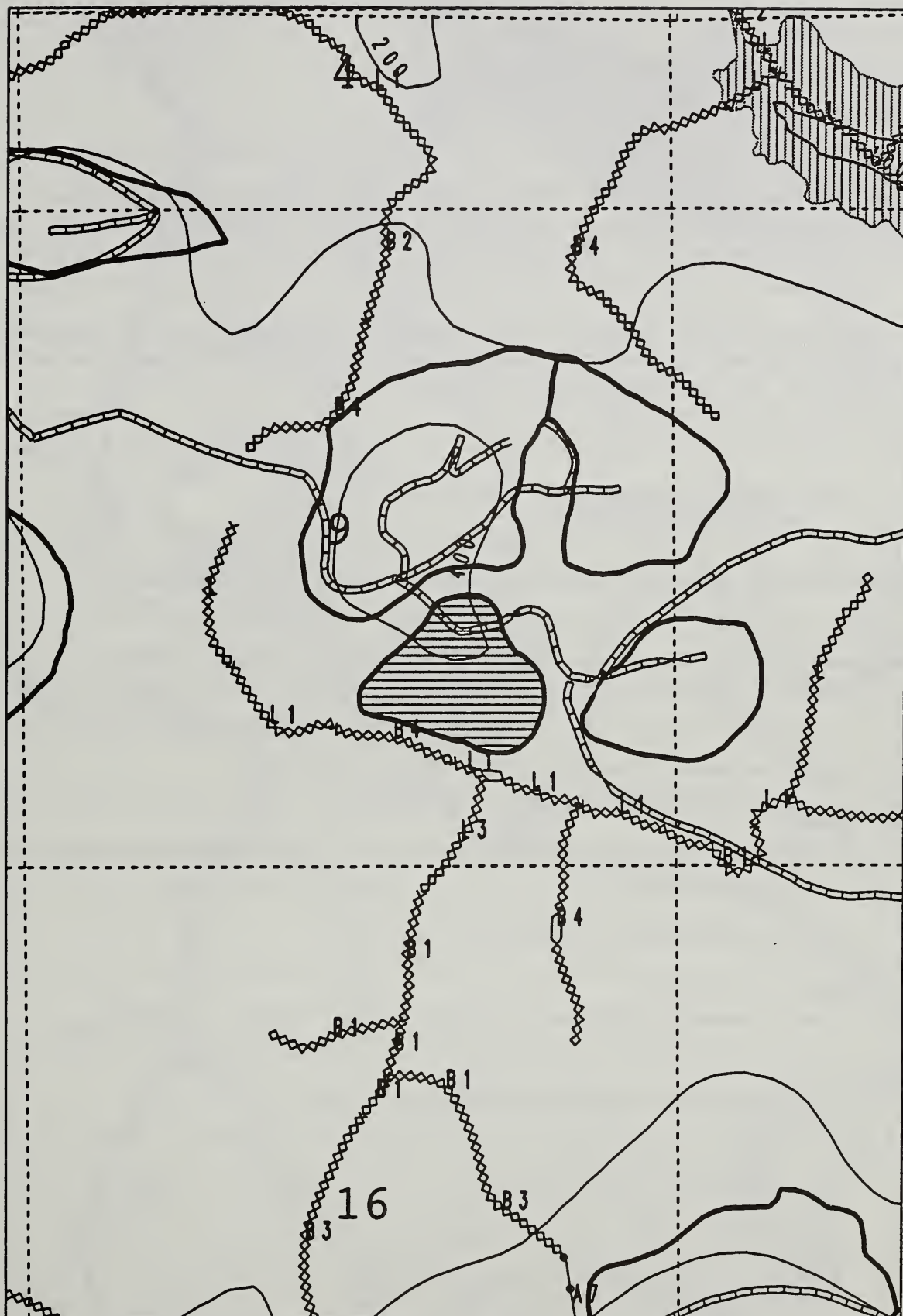
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-238



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-238</u>	Alternatives considered <u>2</u>
Planned acres <u>28</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>569</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190022</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 28 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 23 acres Medium 0 acres High 5 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 9 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

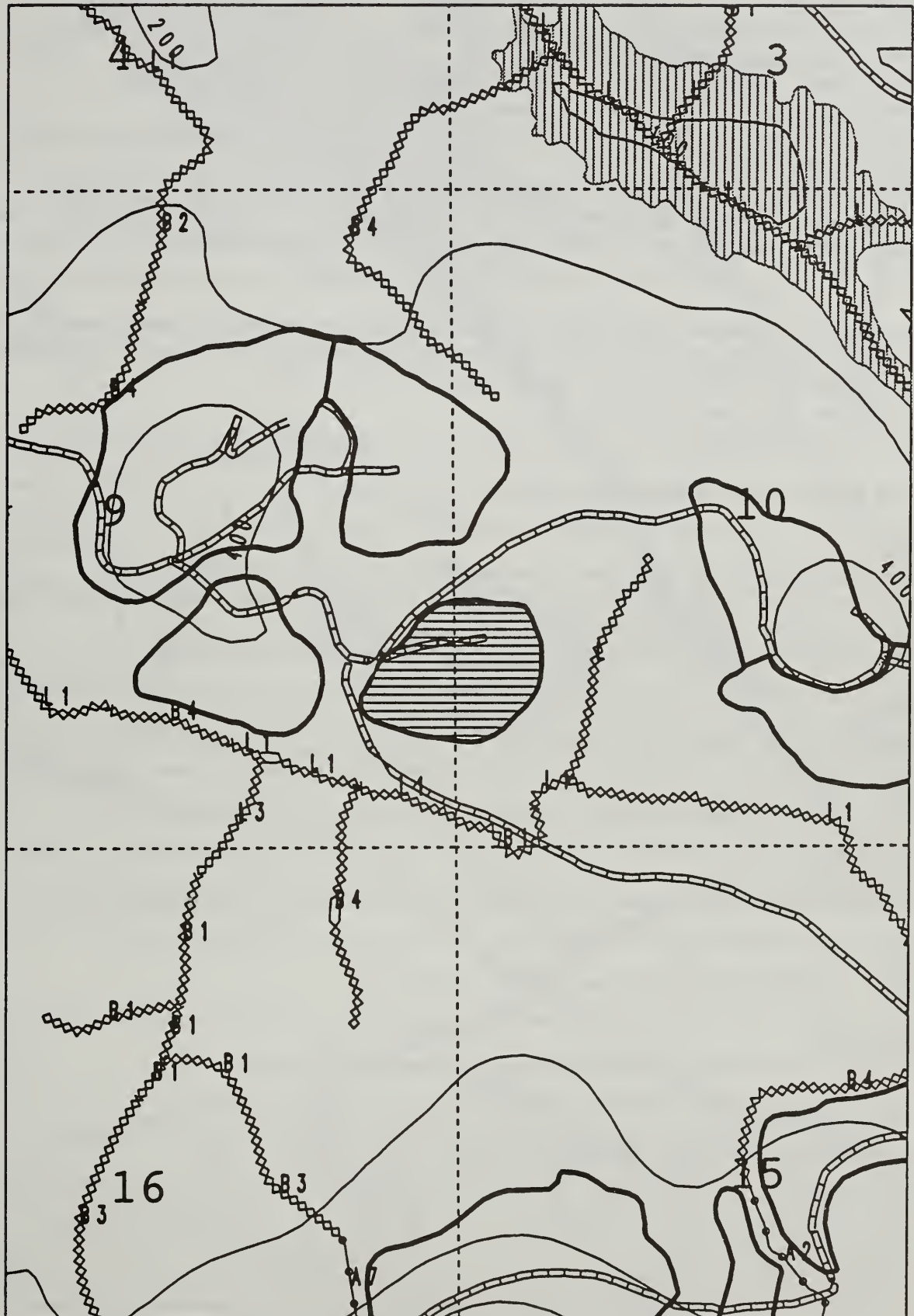
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-239



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-239</u>	Alternatives considered <u>3</u>
Planned acres <u>28</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>700</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190022</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 8 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 28 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 16 acres Medium 0 acres High 12 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 20 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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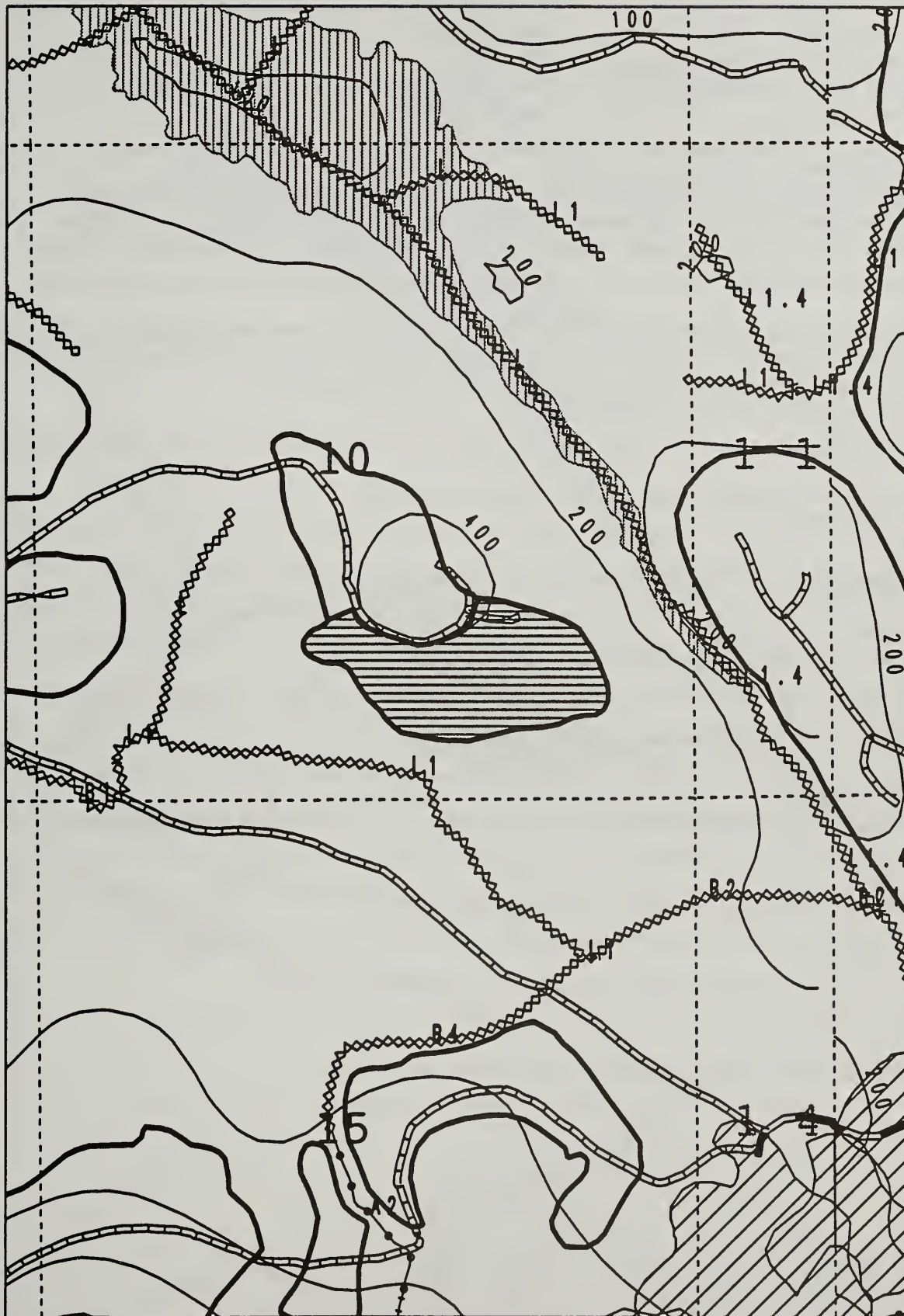
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 573-240



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ..... | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ..... | CLASS 3 STREAM               |
| ---   | EXISTING ROADS               |
| ---   | ALTERNATIVE ROAD             |
| ---   | CONTOUR LINE                 |
| ---   | SECTION LINE                 |

NORTH



- |     |               |
|-----|---------------|
| --- | UNIT          |
| --- | EAGLE NEST    |
| --- | PRIOR HARVEST |
| --- | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-240</u>	Alternatives considered <u>3</u>
Planned acres <u>40</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>886</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190069</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 39 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 39 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

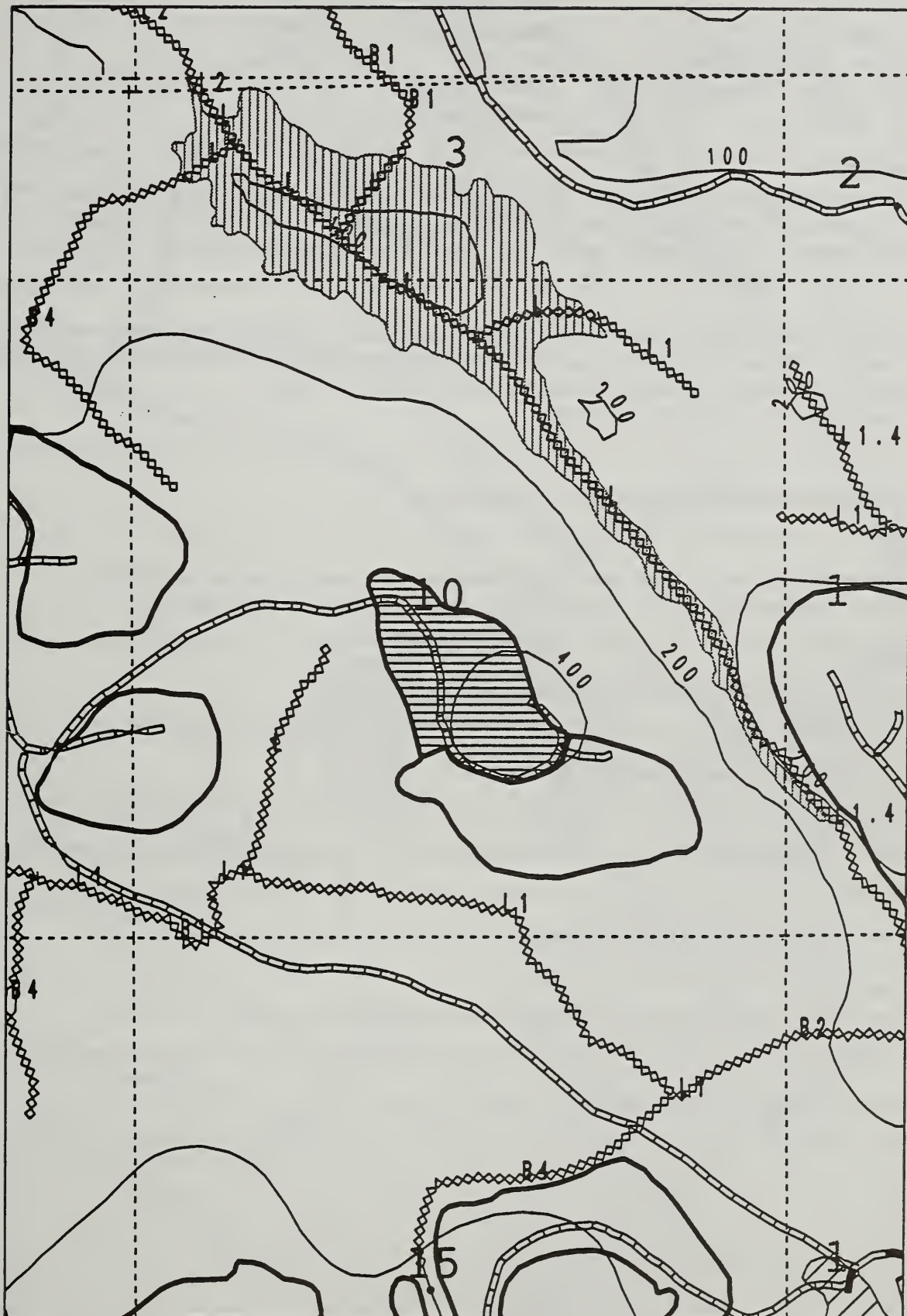
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-241



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-241</u>	Alternatives considered <u>3</u>
Planned acres <u>37</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1115</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190069</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 6 acres VC5 30 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 37 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 2 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 15 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

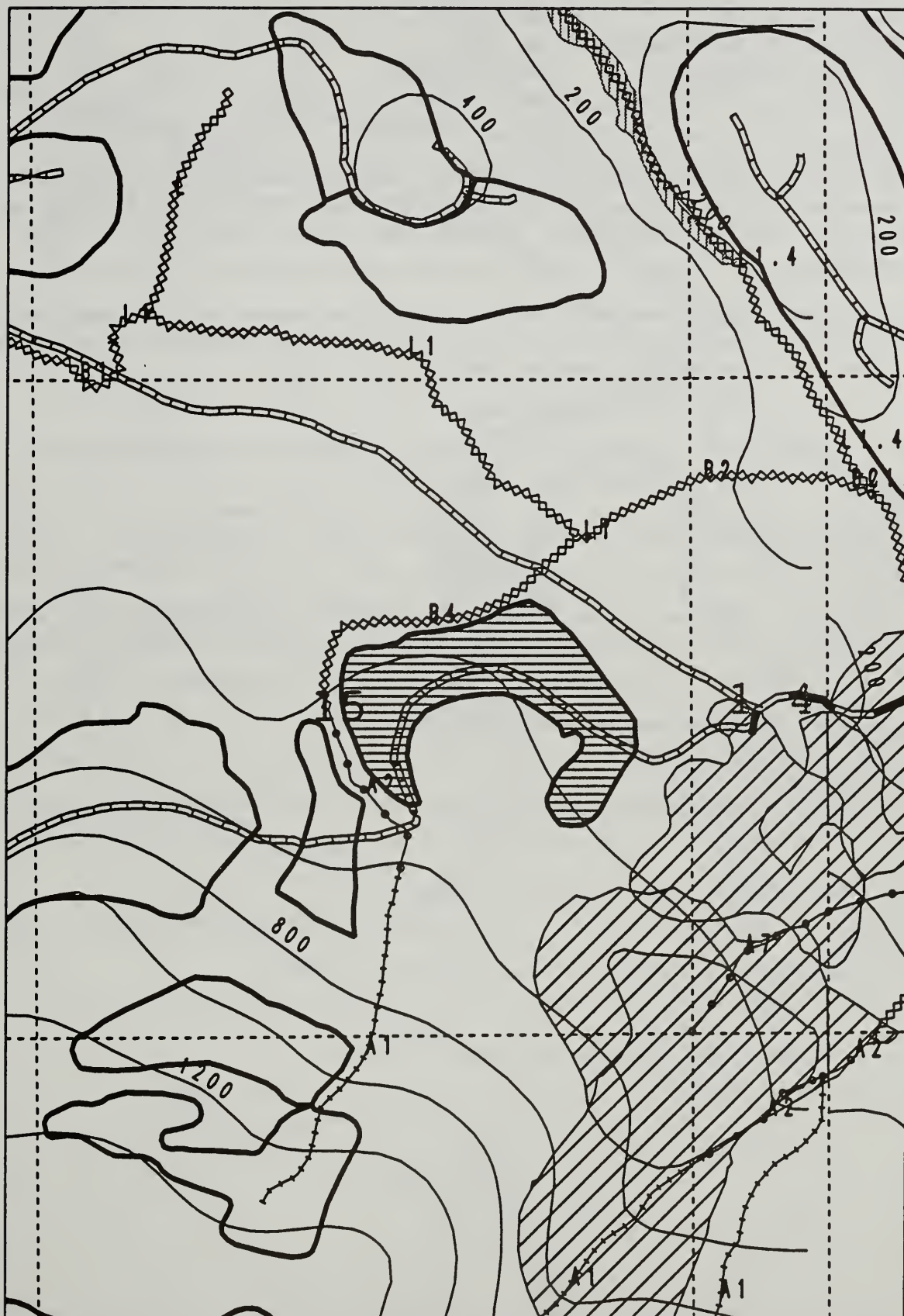
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 573-242



- — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-242</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>66</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1739</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190069</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 36 acres VC5 29 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 66 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 48 acres Medium 0 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

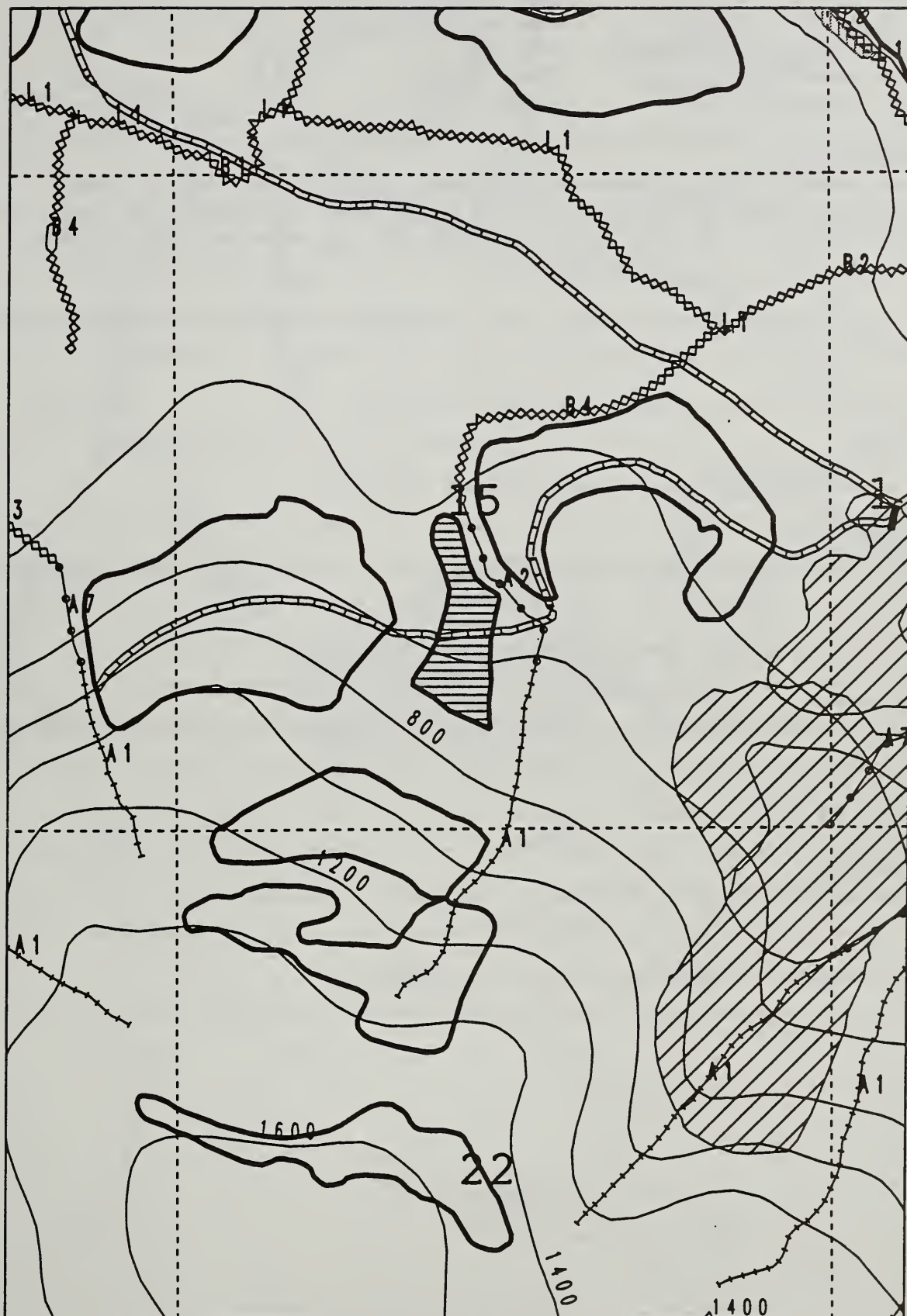
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

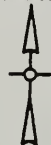
SCALE 1:15840

UNIT 573-243



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-243</u>	Alternatives considered <u>2</u>
Planned acres <u>14</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>459</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190024</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 14 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 0 acres High 2 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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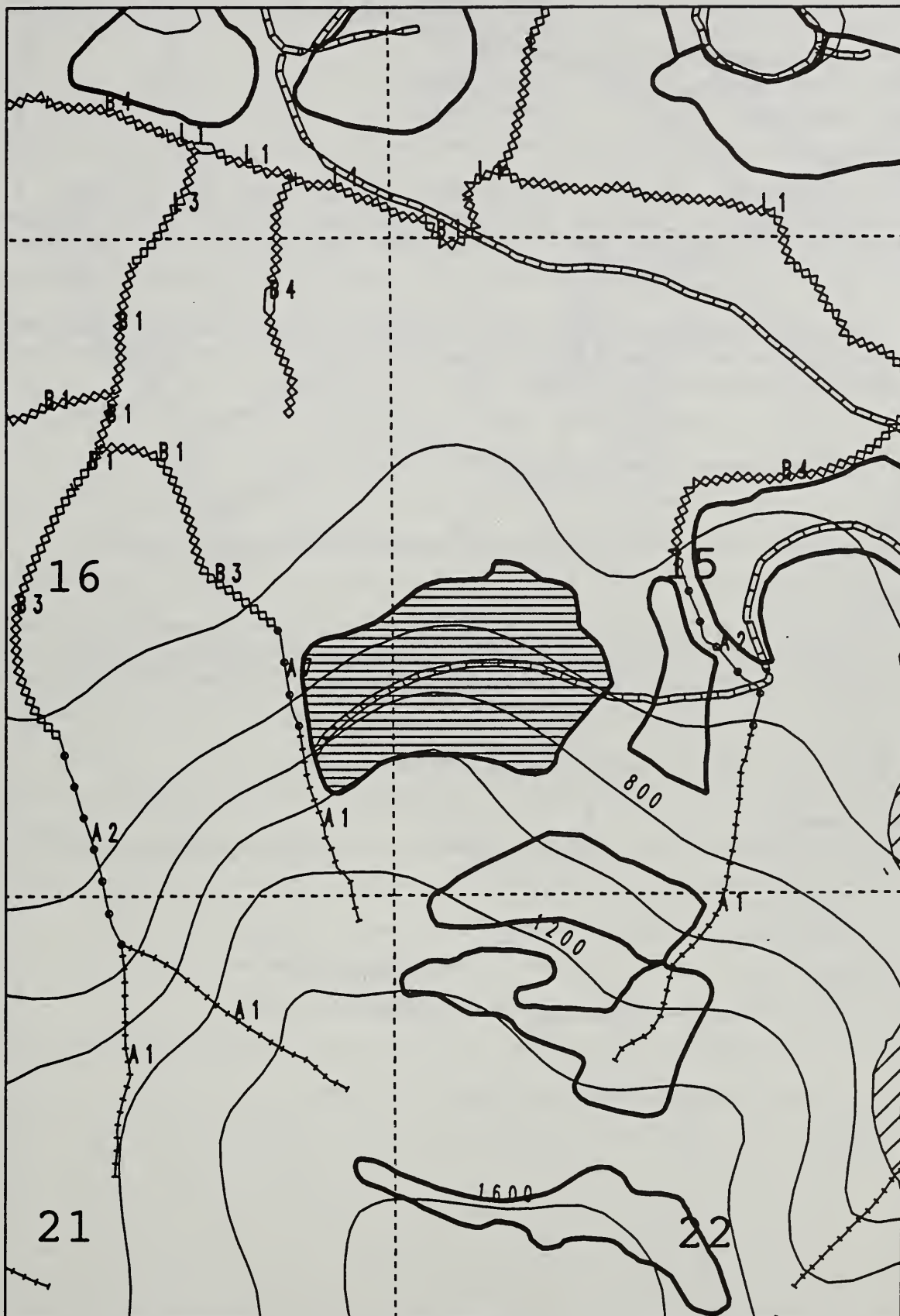
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 573-244



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-244</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>71</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>2342</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190024</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 12 acres VC5 17 acres VC6 40 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 71 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 0 acres High 46 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

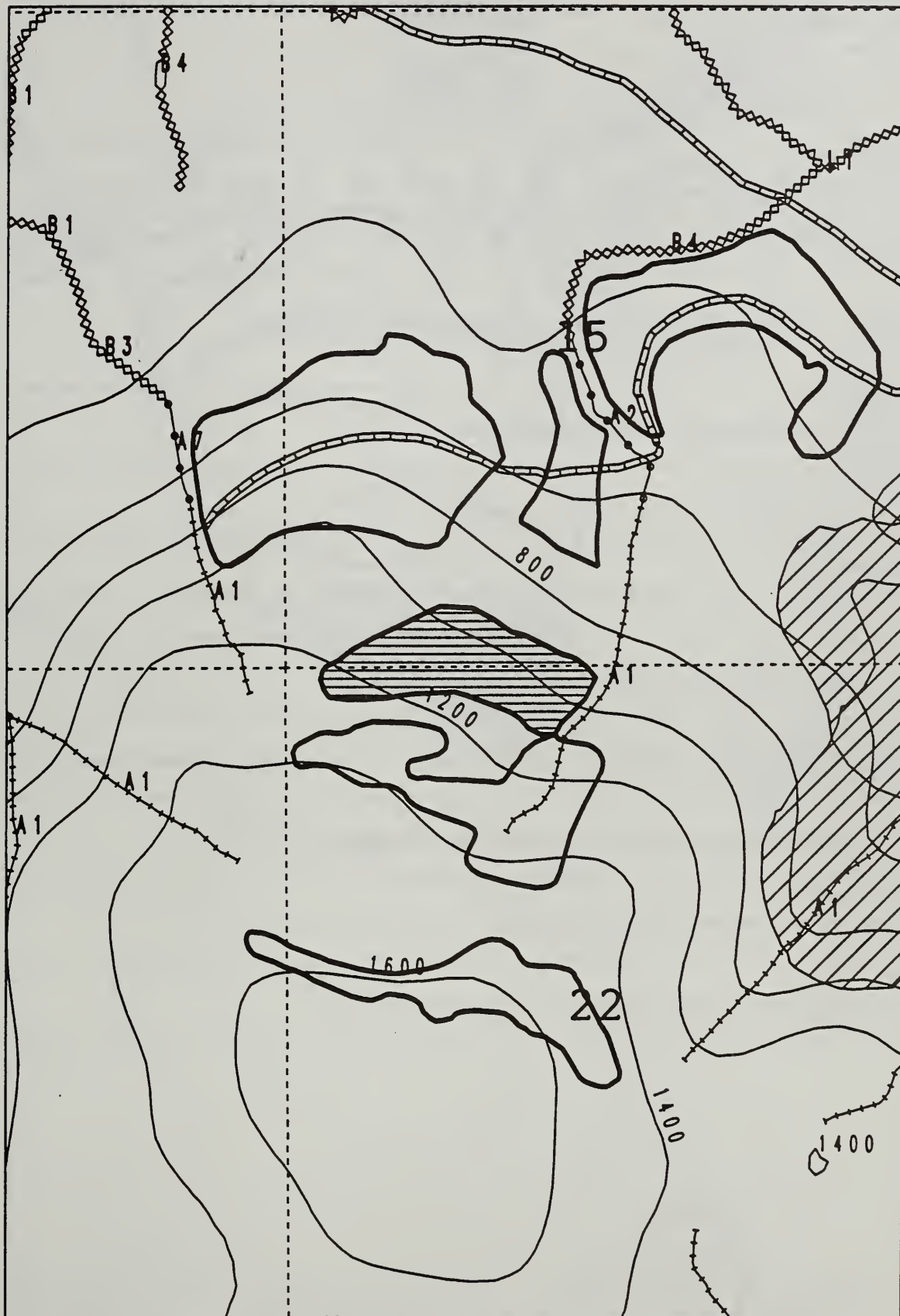
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-248



- — — UNCLASS. STREAM WITHIN UNITS
- — — CLASS 1 STREAM
- • — CLASS 2 STREAM
- • — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- — — SECTION LINE



- — — UNIT
- — — EAGLE NEST
- — — PRIOR HARVEST
- — — WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-248</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>29</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>918</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190024</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 28 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 28 acres 1200-1500 ft. 1 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

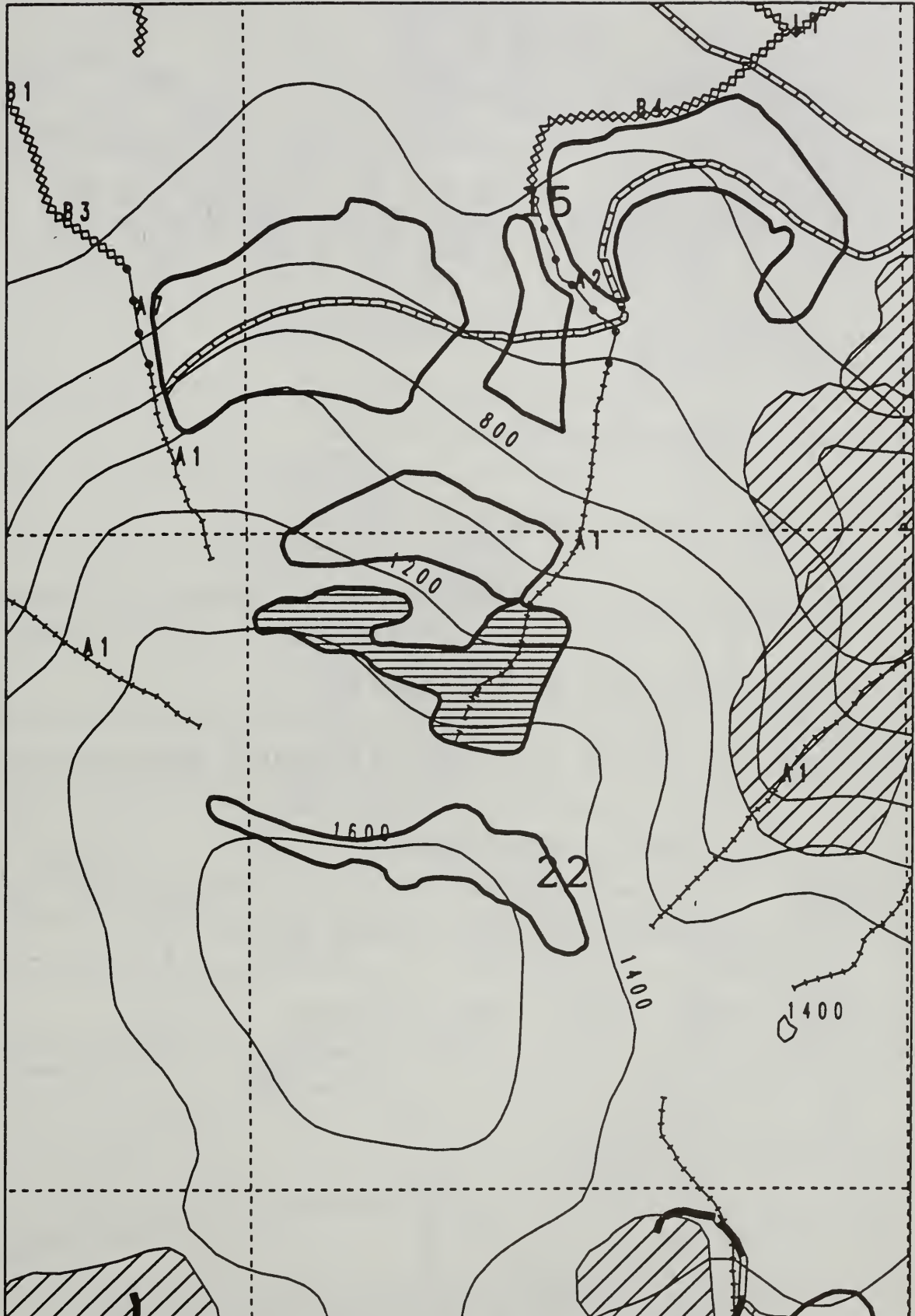
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-249



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-249</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>34</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>918</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>1190024</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 18 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 4 acres 1200-1500 ft. 30 acres over 1500 ft. 0 acres  
Mass movement index: Low 34 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

TIMBER

Shelterwood harvest. Cedar will not be harvested.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

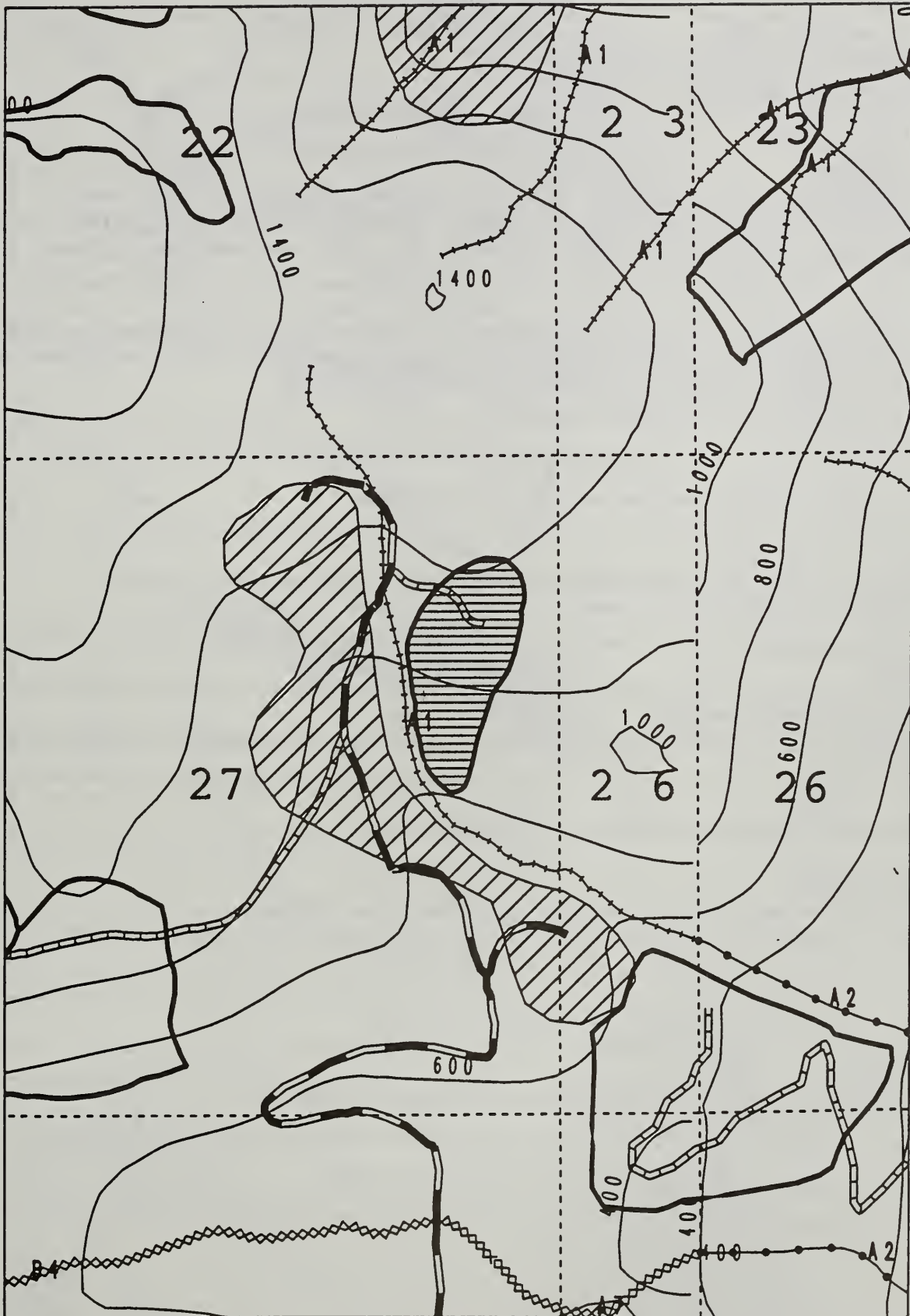
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-250



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ ◇ CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 573-250 Alternatives considered 4  
Planned acres 26 Quad CRGD4NEN  
Estimated volume (mbf) 787 Mgmt Area K08  
Logging system Small skyline uphill/downhillWAA 1421  
Silvicultural system Clearcut Photo \_\_\_\_\_  
Forest type Hemlock Aspect South

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 6 acres VC5 20 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 25 acres 1200-1500 ft. 1 acres over 1500 ft. 0 acres  
Mass movement index: Low 14 acres Medium 0 acres High 12 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 12 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

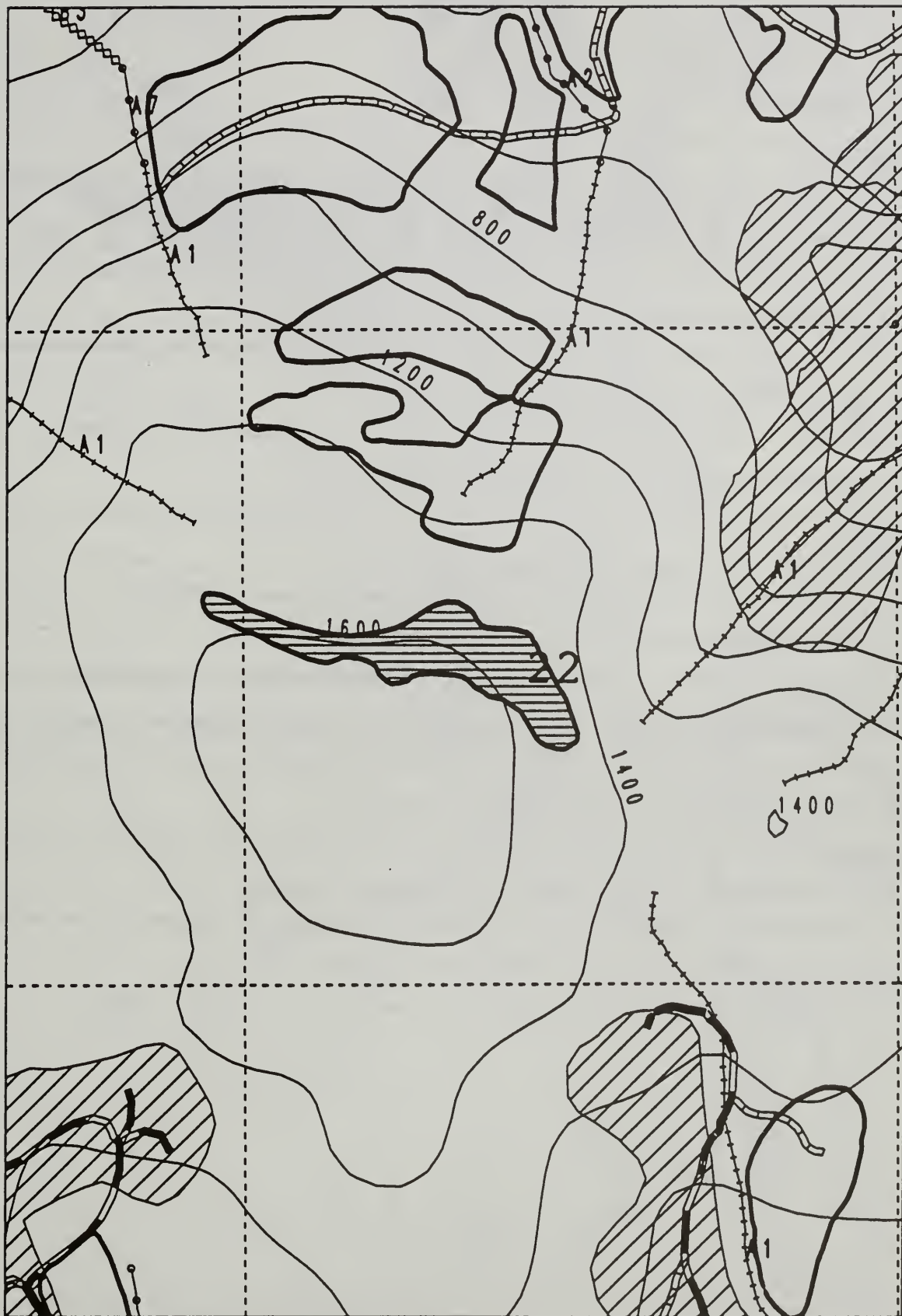
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-251



- |             |                              |
|-------------|------------------------------|
| — — — — —   | UNCLASS. STREAM WITHIN UNITS |
| ◇ ◇ ◇ ◇ ◇   | CLASS 1 STREAM               |
| ● — — — — ● | CLASS 2 STREAM               |
| — — — — —   | CLASS 3 STREAM               |
| — — — — —   | EXISTING ROADS               |
| — — — — —   | ALTERNATIVE ROAD             |
| — — — — —   | CONTOUR LINE                 |
| - - - - -   | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▤ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-251</u>	Alternatives considered <u>2 3</u>
Planned acres <u>26</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>678</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>1190025</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 4 acres over 1500 ft. 22 acres  
Mass movement index: Low 26 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

There are no soils mitigation measures anticipated for this unit.

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TIMBER

Shelterwood harvest. Cedar will not be harvested.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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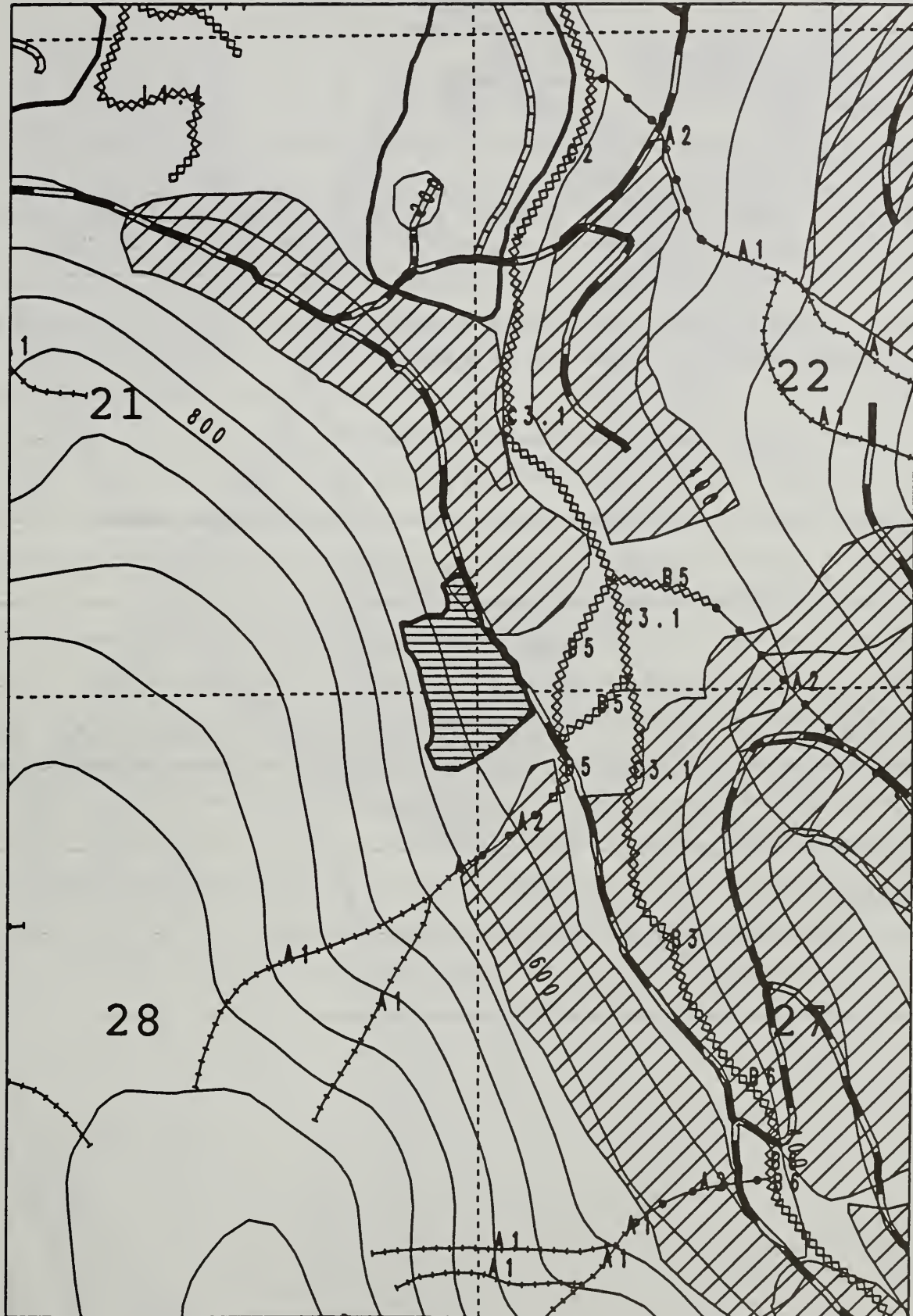
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 573-260



- — — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ ○ CLASS 1 STREAM
- ● ● ● ● CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- — — — — SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-260</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>20</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>713</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990075</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 2 acres VC6 17 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 21 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 0 acres High 20 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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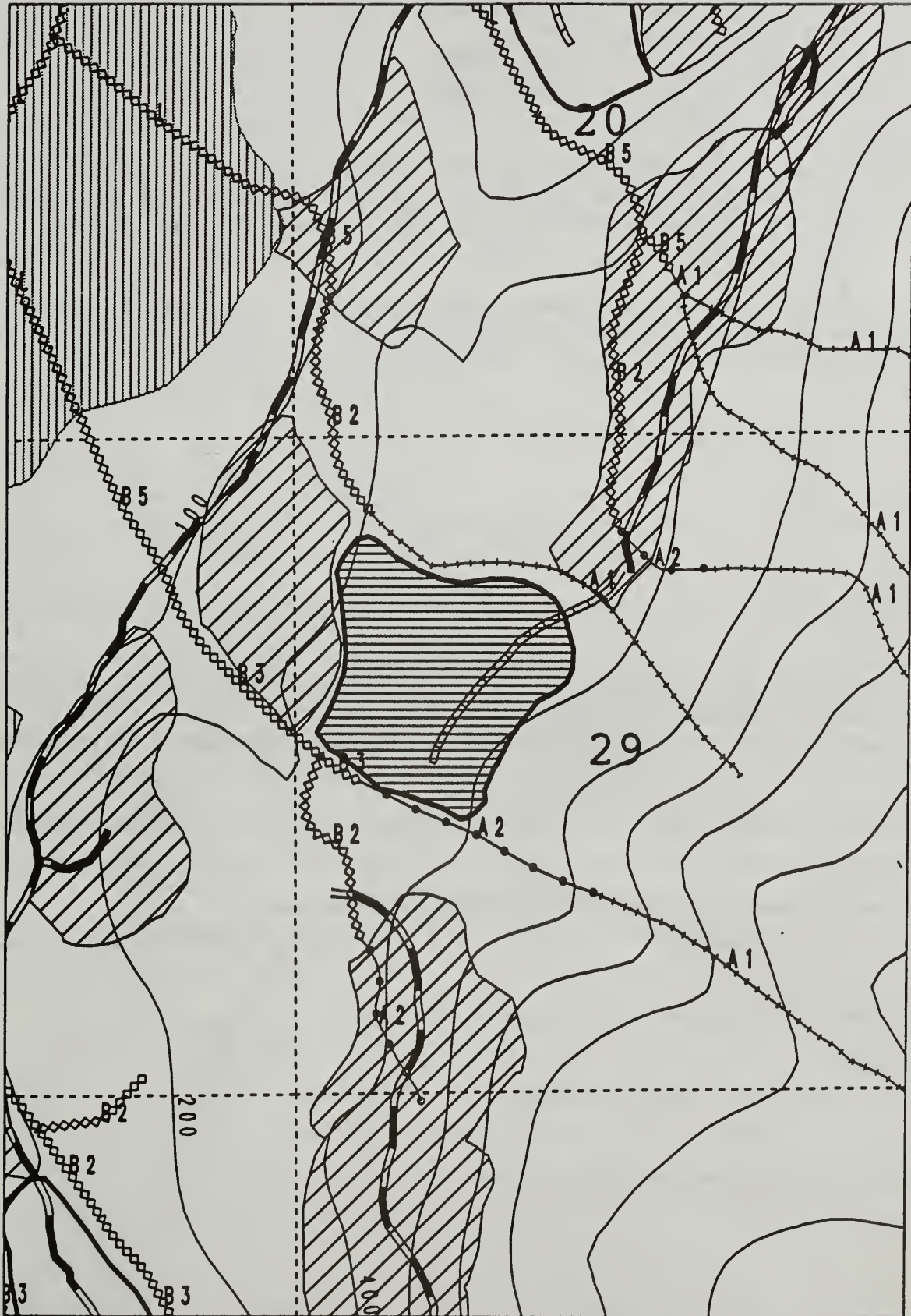
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 573-264



- — — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ ○ CLASS 1 STREAM
- ● ● ● ● CLASS 2 STREAM
- × × × × × CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-264</u>	Alternatives considered <u>4</u>
Planned acres <u>67</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>2365</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990058</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 35 acres VC6 32 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 67 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 41 acres High 0 acres Very High 0 acres

SOILS

This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 66 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

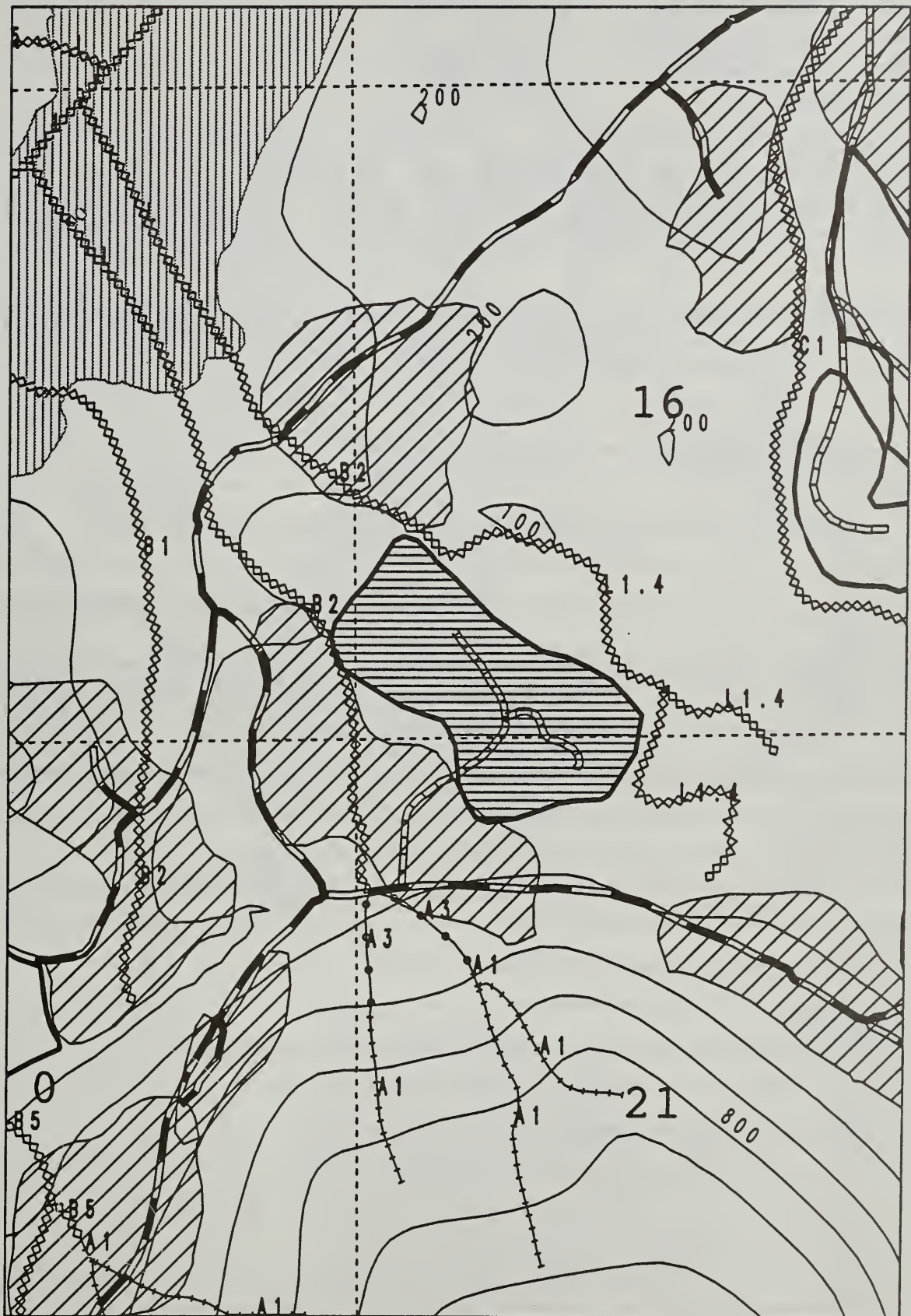
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-268



- UNCLASS. STREAM WITHIN UNITS
- XXXXX CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-268</u>	Alternatives considered <u>4</u>
Planned acres <u>66</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1957</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990074</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 11 acres VC5 21 acres VC6 27 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 66 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 21 acres High 10 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 47 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

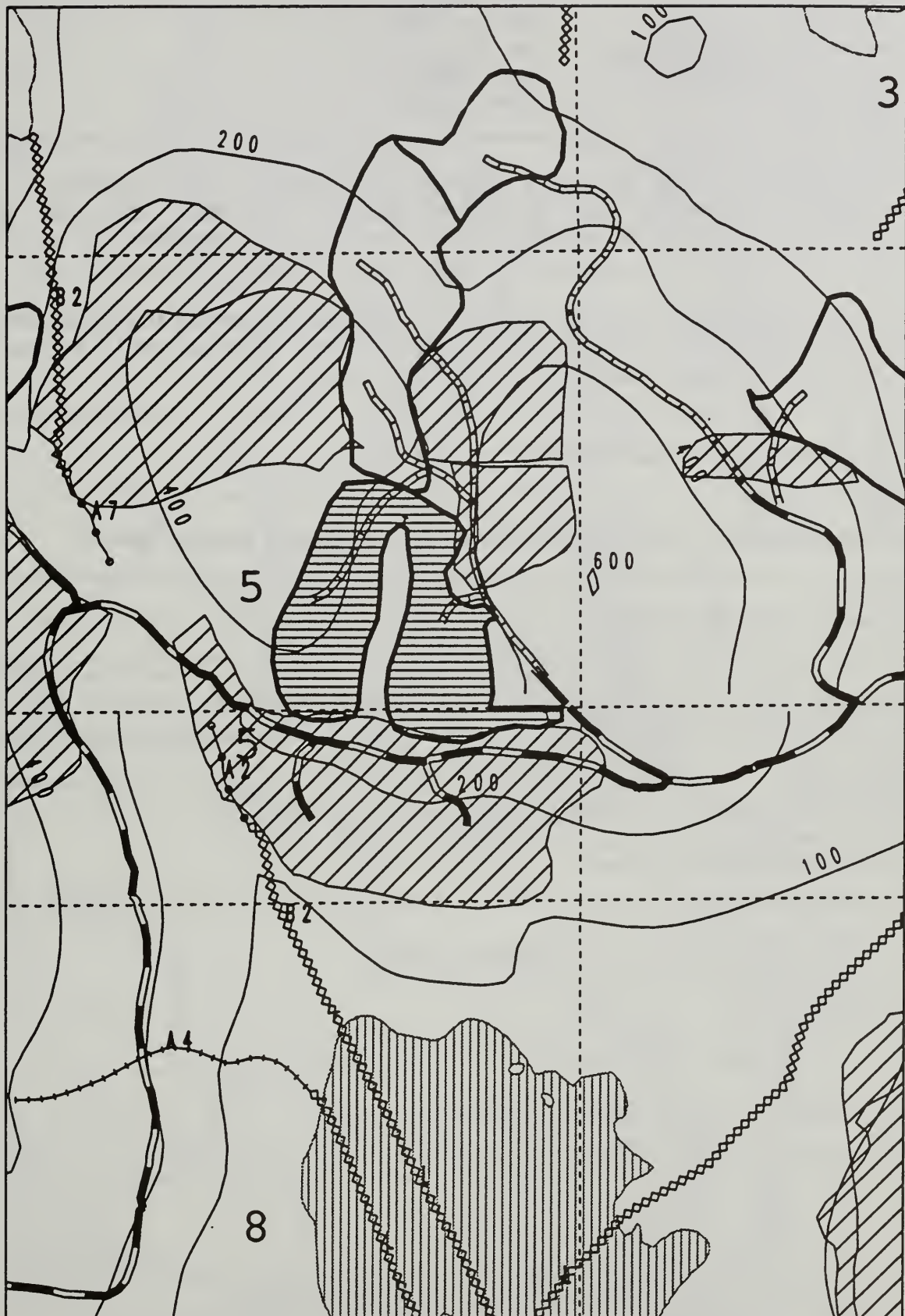
GEOLOGY

There are no geological mitigation measures anticipated for this unit.







SCALE 1:15840

# UNIT 573-270



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



-  UNIT
-  EAGLE NEST
-  PRIOR HARVEST
-  WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-270</u>	Alternatives considered <u>3 4</u>
Planned acres <u>62</u>	Quad <u>PBGA3SWS</u>
Estimated volume (mbf) <u>1713</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990062</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 18 acres VC6 14 acres VC7 3 acres  
Elevation breakdown: 0-800 ft. 59 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 3 acres  
Mass movement index: Low 20 acres Medium 0 acres High 42 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of M within the viewshed of Sweetwater Lake  
as viewed from from centerline of lake.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

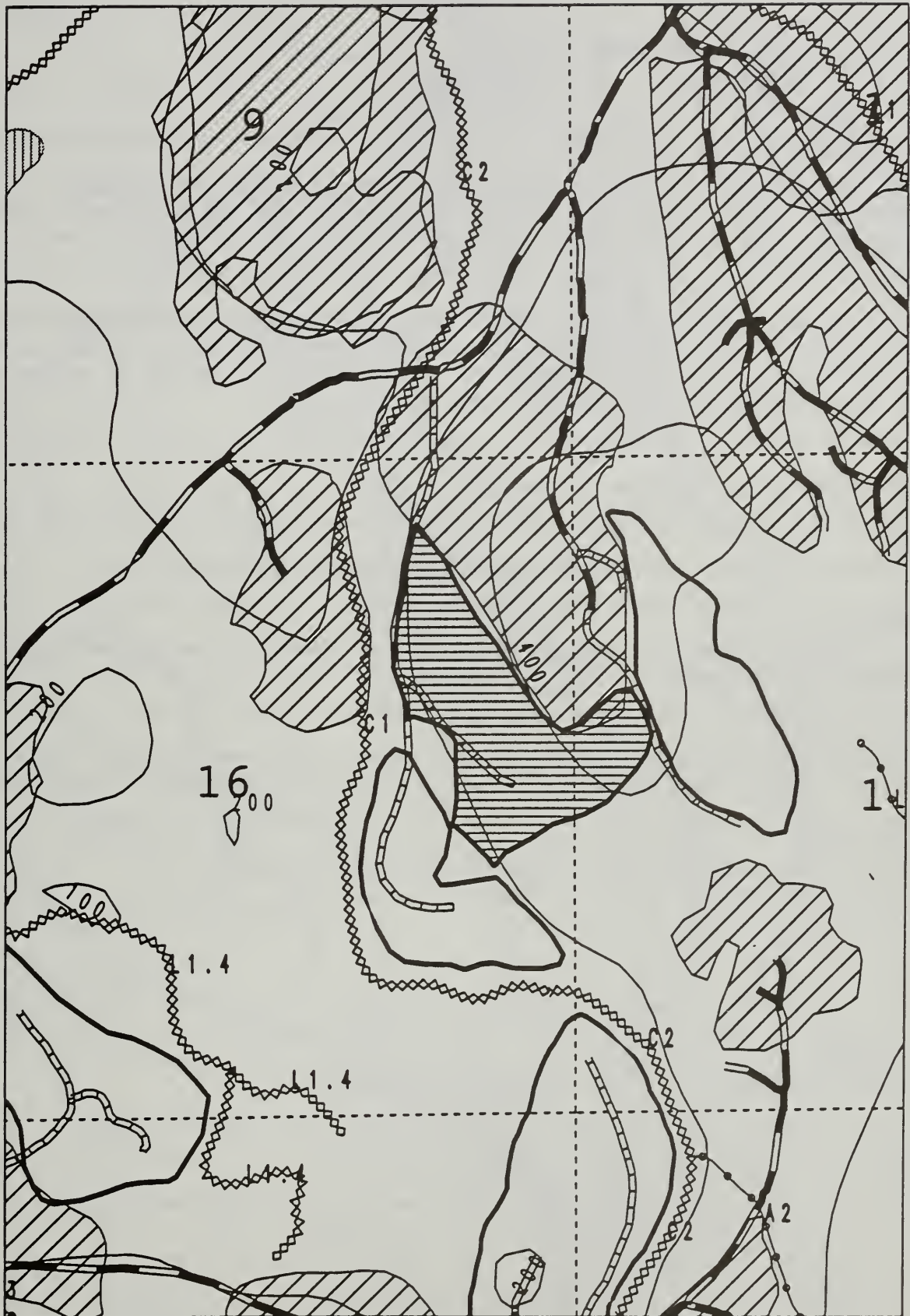
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-274



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-274</u>	Alternatives considered <u>2 4</u>
Planned acres <u>54</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1655</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990074</u>
Forest type <u>Cedar</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 10 acres VC6 6 acres VC7 10 acres  
Elevation breakdown: 0-800 ft. 54 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 44 acres Medium 2 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of M within the viewshed of Sweetwater Lake  
as viewed from from centerline of lake.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

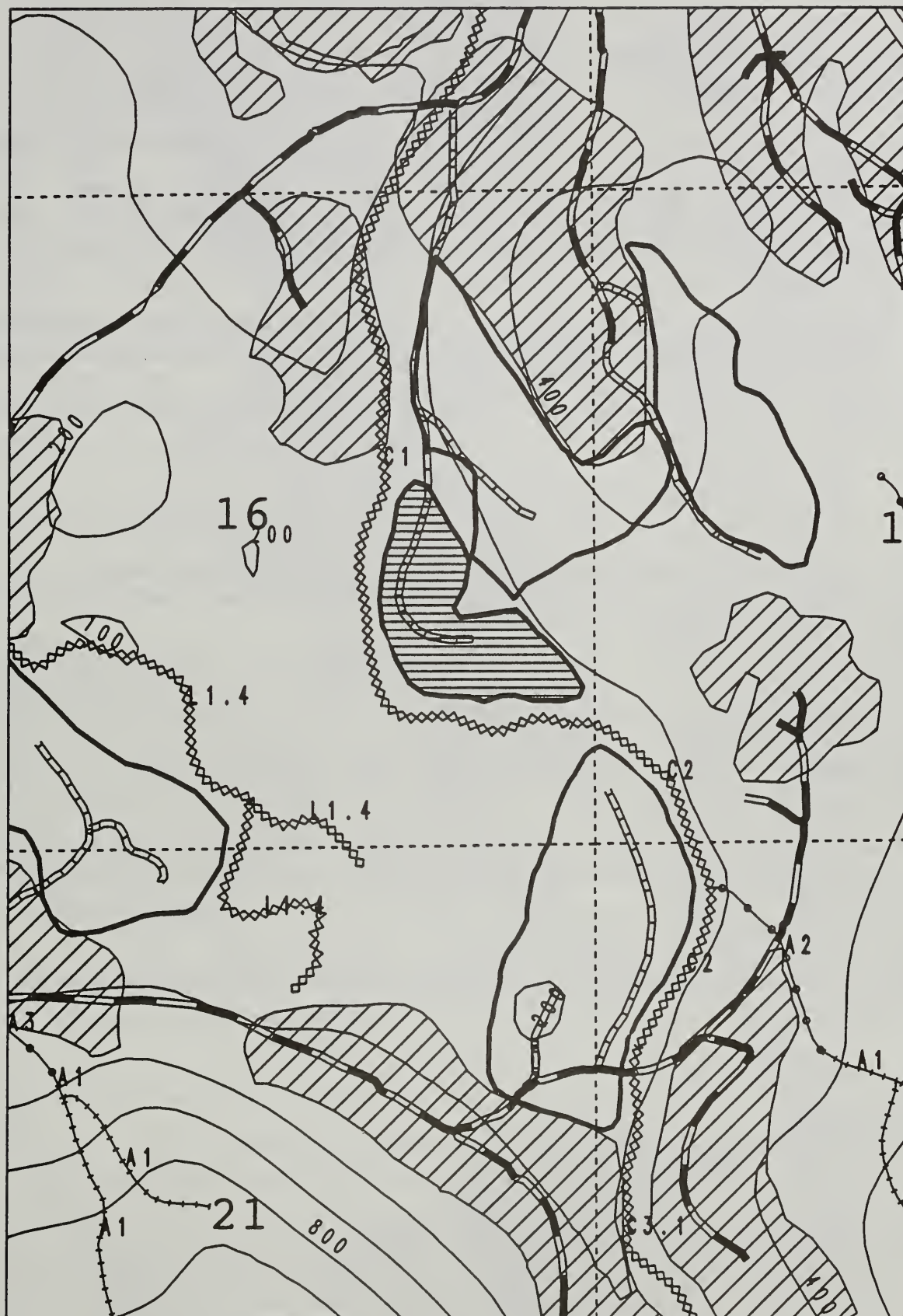
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-275



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-275</u>	Alternatives considered <u>4</u>
Planned acres <u>32</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>983</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990074</u>
Forest type <u>Cedar</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 18 acres VC5 4 acres VC6 0 acres VC7 9 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 13 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 9 acres of riparian soils. Maintain water quality and fish habitat (BMPs12.6, 13.9).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP14.13).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

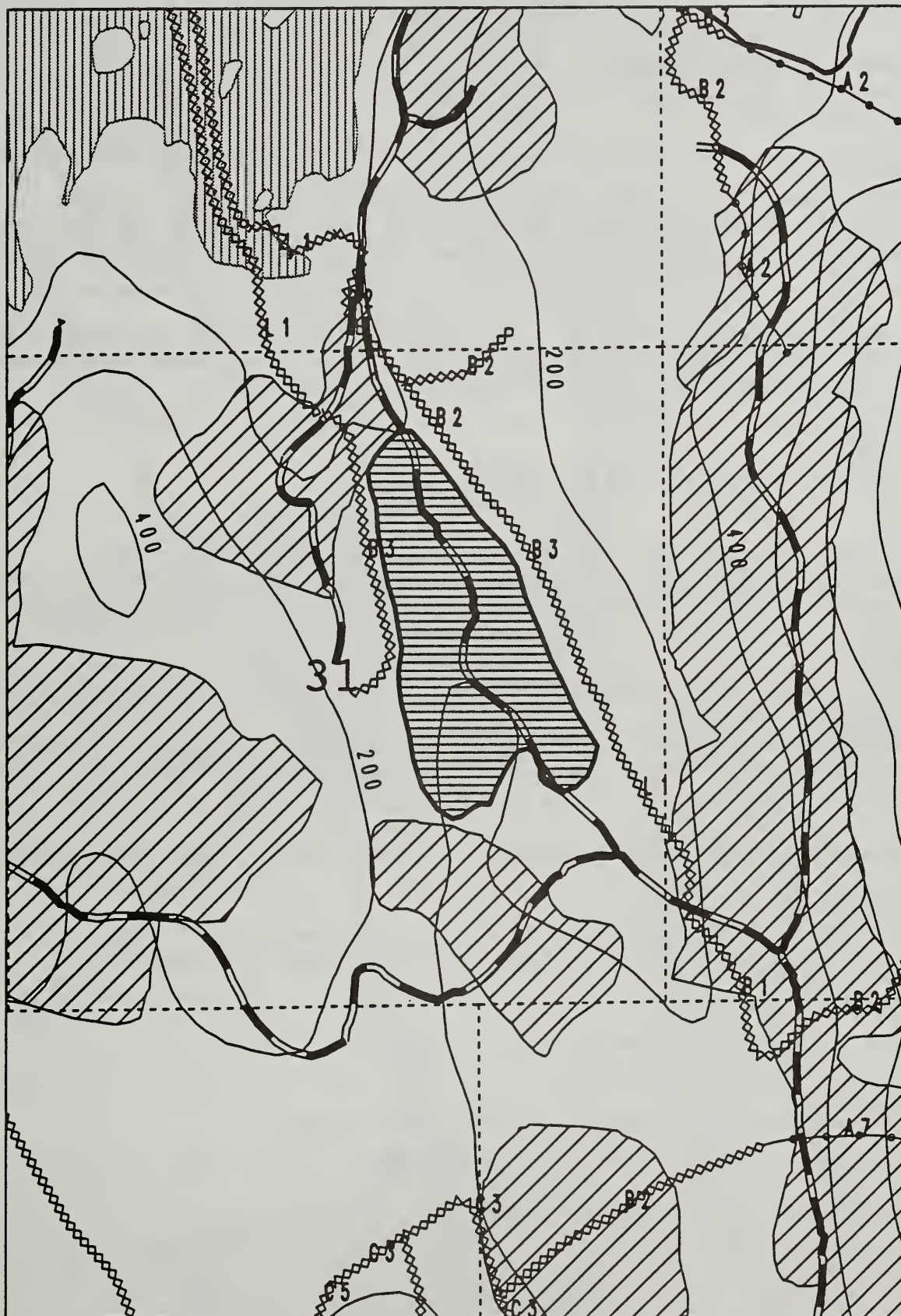
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-289



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+— CLASS 3 STREAM
- +—+—+— EXISTING ROADS
- +—+—+— ALTERNATIVE ROAD
- +—+—+— CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-289</u>	Alternatives considered <u>4</u>
Planned acres <u>69</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>2482</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990057</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 20 acres VC6 48 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 69 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 42 acres Medium 0 acres High 27 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Harvest operations restricted to April 1 to October 31 to protect trumpeter swans on Barnes, Sweetwater Lakes.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

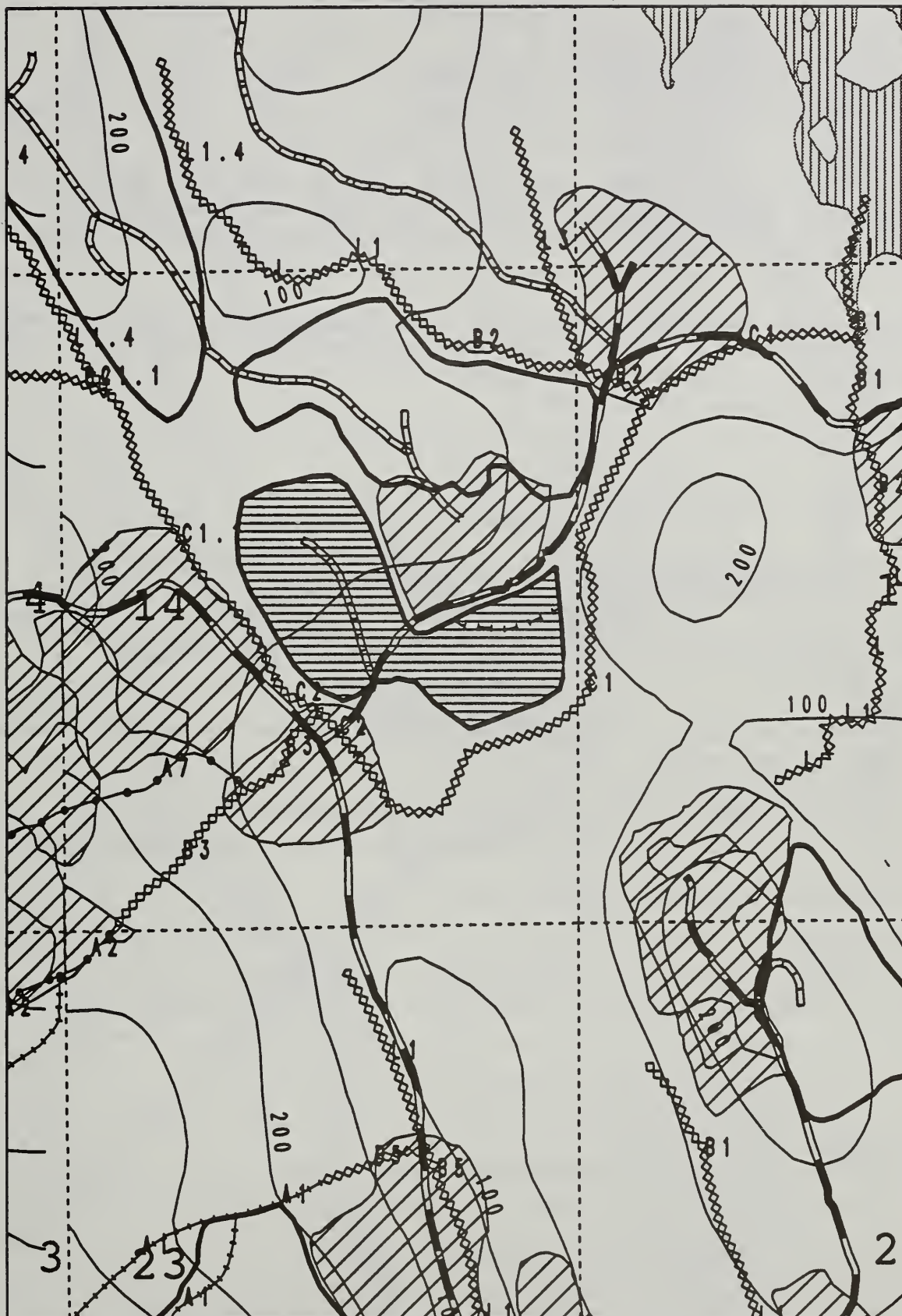
CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 573-296



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-296</u>	Alternatives considered <u>3 4</u>
Planned acres <u>73</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>2640</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890107</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 19 acres VC6 49 acres VC7 3 acres  
Elevation breakdown: 0-800 ft. 63 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 32 acres Medium 0 acres High 41 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 6 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a C2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

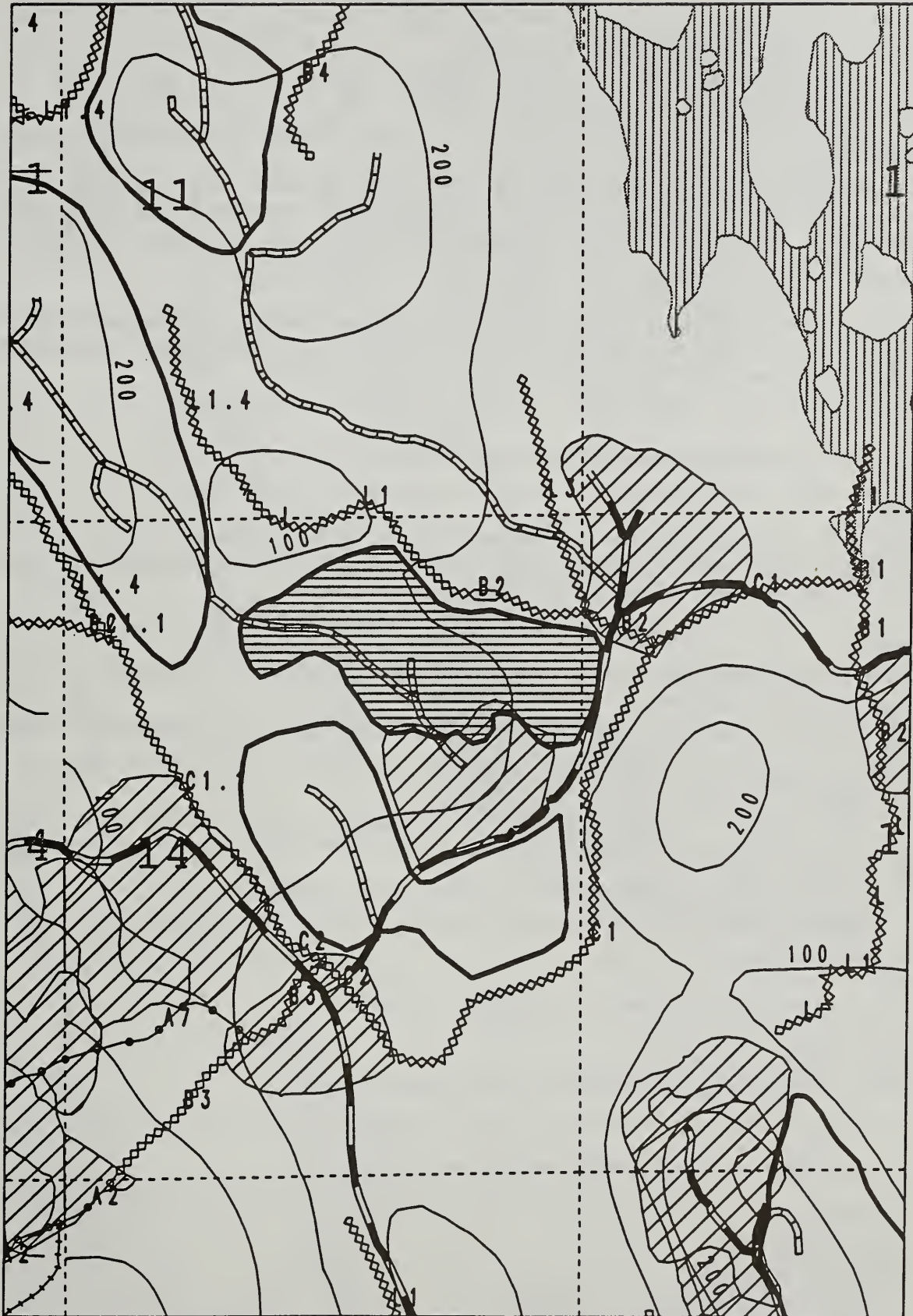
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 573-297



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ◊ ◊ ◊ ◊ ◊     | CLASS 1 STREAM               |
| — • — • — • — | CLASS 2 STREAM               |
| — + — + — + — | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |

NORTH



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-297</u>	Alternatives considered <u>3 4</u>
Planned acres <u>61</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1887</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890107</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 3 acres VC6 47 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 61 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 37 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

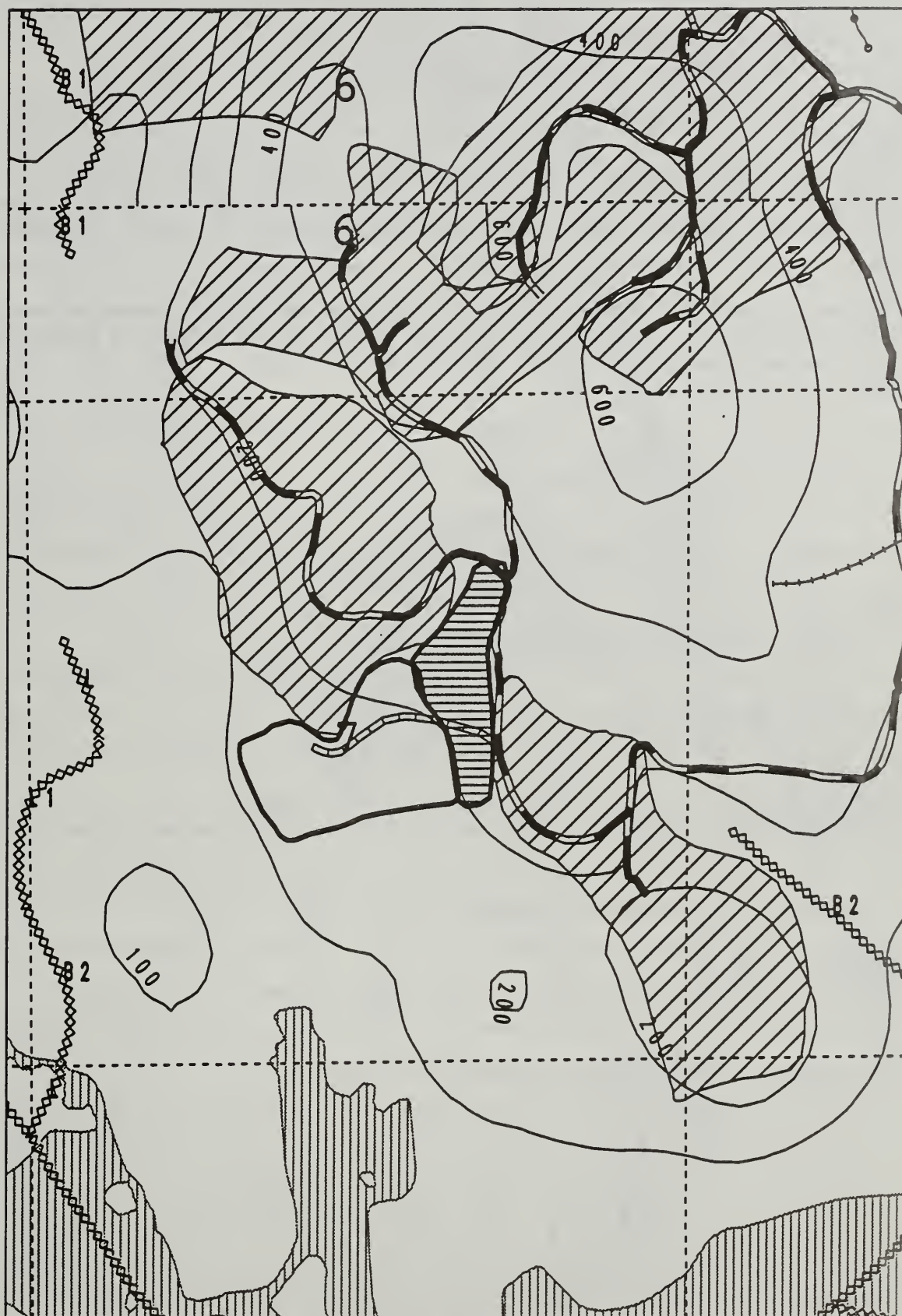
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



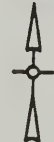
SCALE 1:15840

# UNIT 573-300



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ===== EXISTING ROADS
- ===== ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-300</u>	Alternatives considered <u>3 4</u>
Planned acres <u>18</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>416</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990061</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 16 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 1 acres High 2 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 3 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

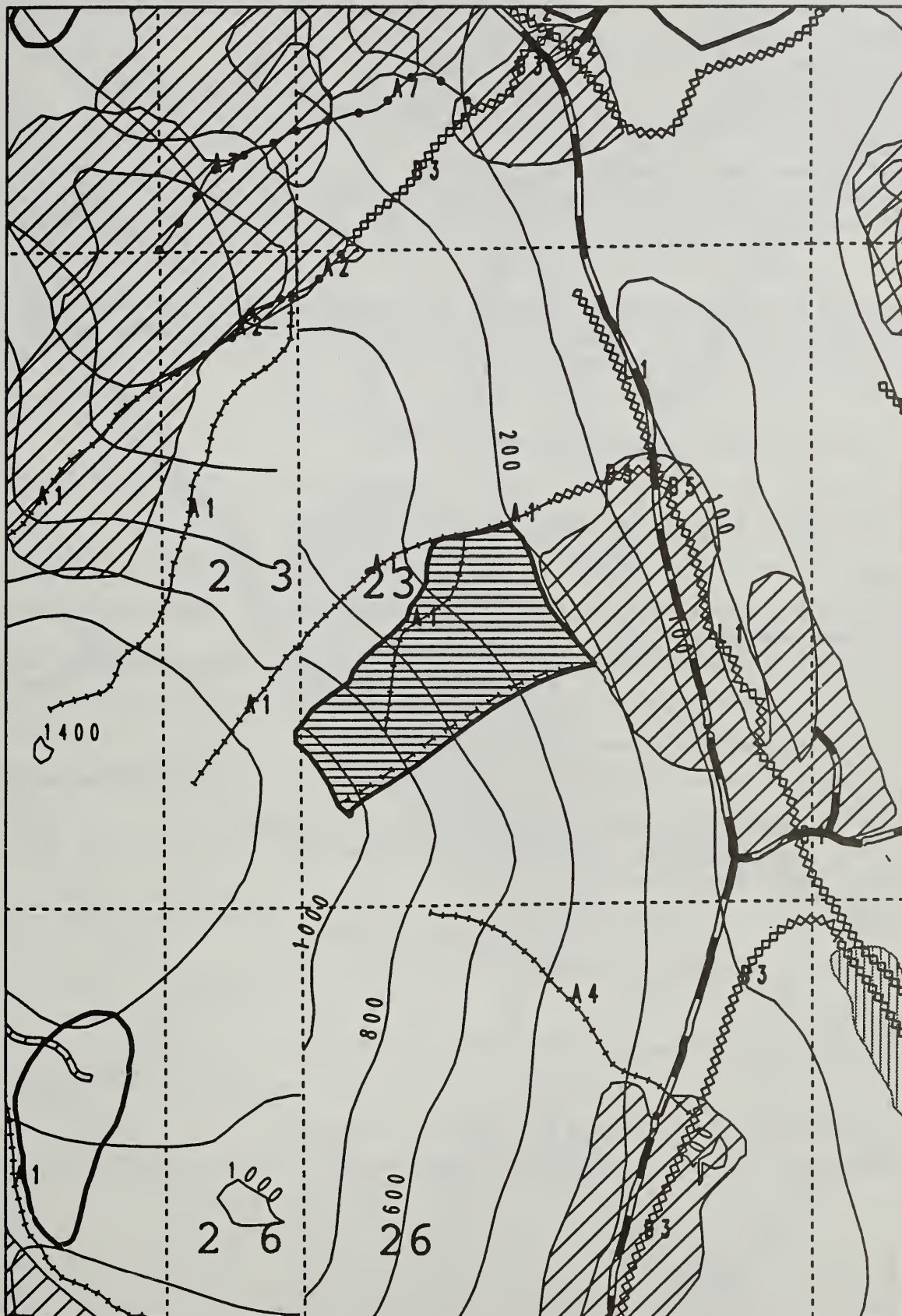
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 573-308



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-308</u>	Alternatives considered <u>3</u>
Planned acres <u>57</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>1764</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190067</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 42 acres VC6 5 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 13 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 2 acres High 30 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 26 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of M within the viewshed of Sweetwater Lake  
as viewed from from centerline of lake.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

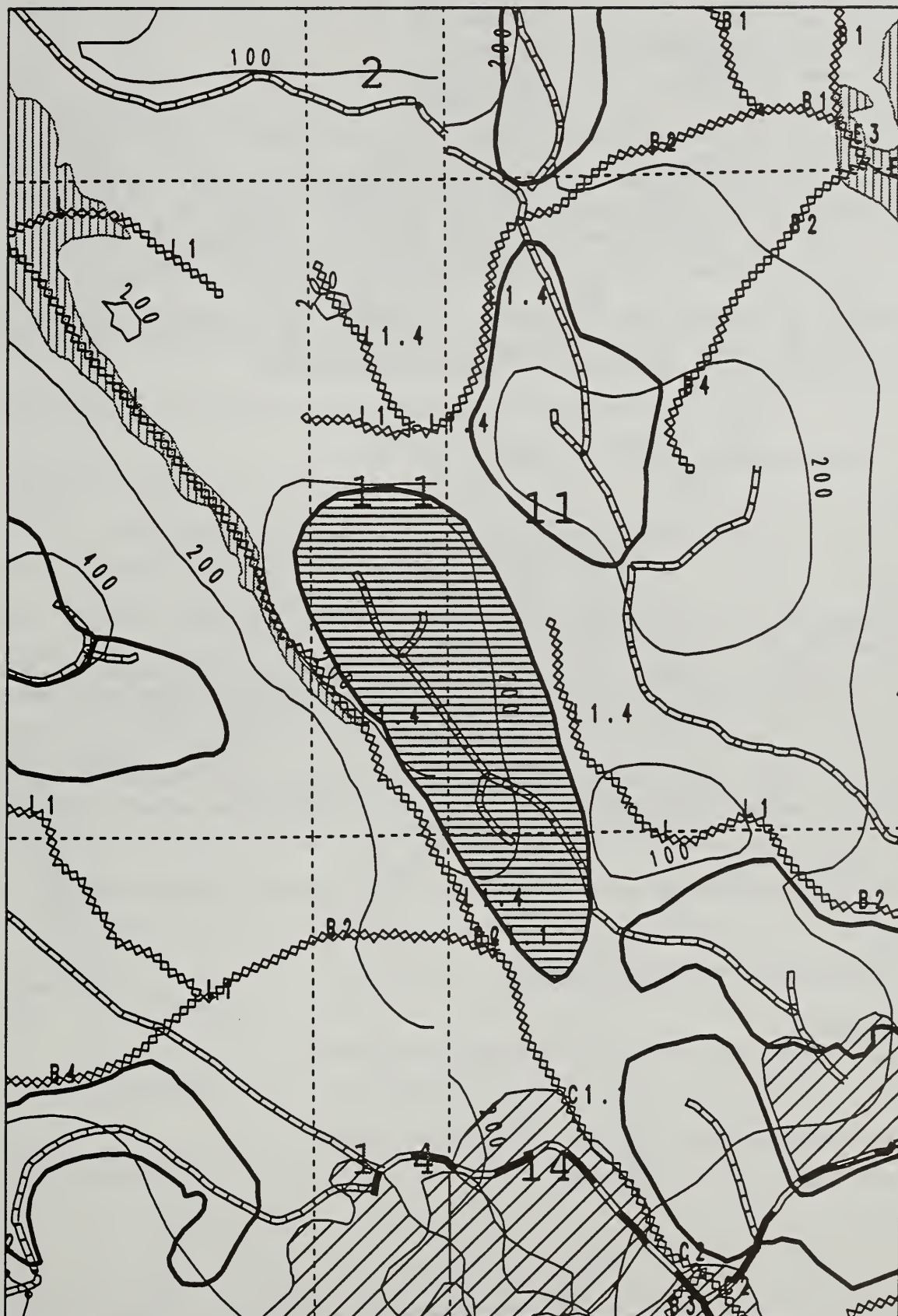
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 573-314



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+— CLASS 3 STREAM
- +—+—+— EXISTING ROADS
- +—+—+— ALTERNATIVE ROAD
- +—+—+— CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>573-314</u>	Alternatives considered <u>4</u>
Planned acres <u>110</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>3377</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190069</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 89 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 105 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 5 acres  
Mass movement index: Low 38 acres Medium 33 acres High 39 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 57 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds, proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

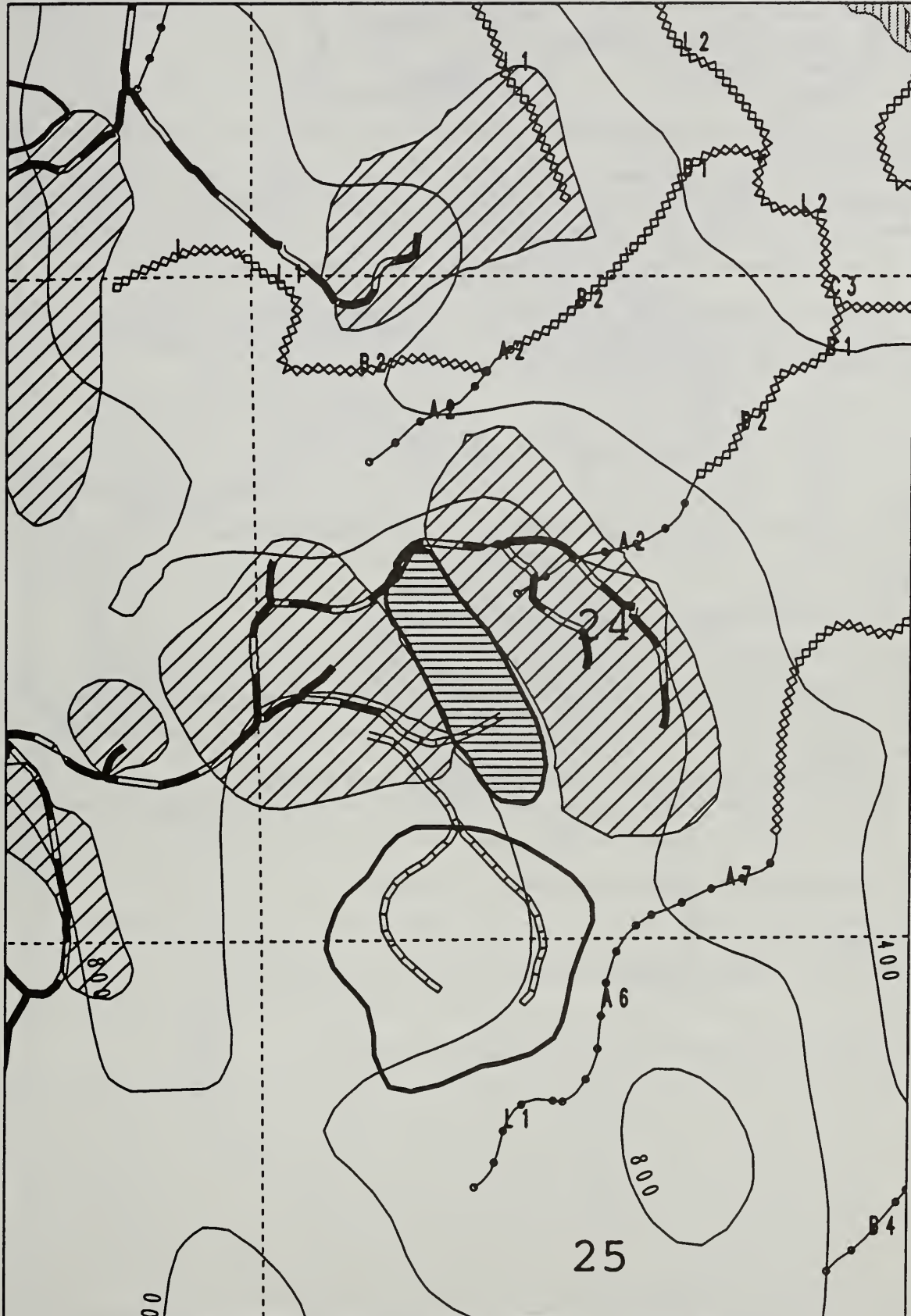
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 574-210



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○    | CLASS 1 STREAM               |
| ●●●●●●    | CLASS 2 STREAM               |
| ——— ———   | CLASS 3 STREAM               |
| =====     | EXISTING ROADS               |
| =====     | ALTERNATIVE ROAD             |
| ———       | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |

NORTH



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ===== | EAGLE NEST    |
| ===== | PRIOR HARVEST |
| ===== | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-210</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>28</u>	Quad <u>CRGD3SWN</u>
Estimated volume (mbf) <u>711</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990052</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 19 acres VC5 9 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 25 acres 800-1200 ft. 3 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 3 acres High 13 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit is within Monker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

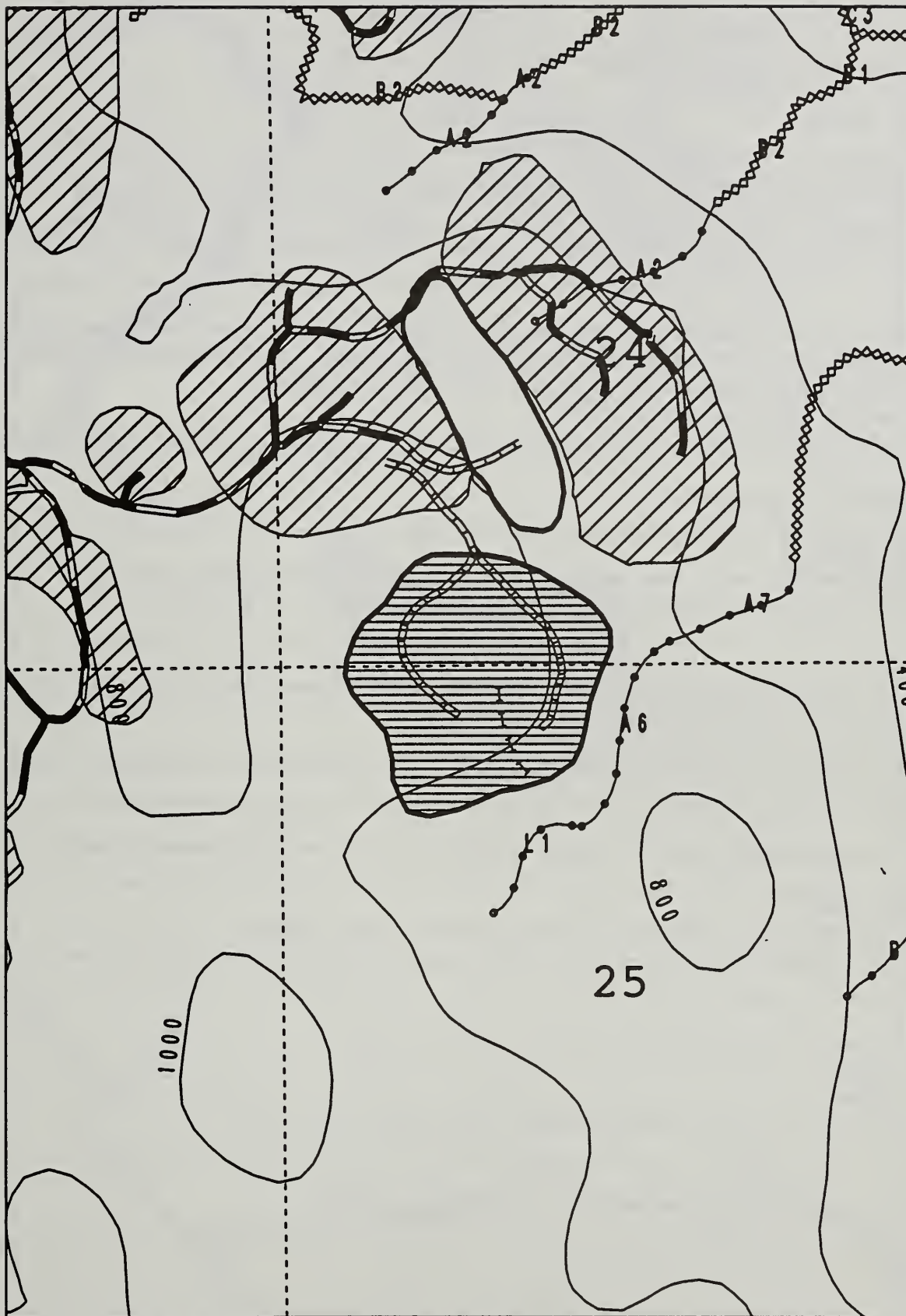
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 574-224



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ..... EAGLE NEST
- ..... PRIOR HARVEST
- ..... WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-224</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>74</u>	Quad <u>CRGD3SWN</u>
Estimated volume (mbf) <u>1793</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990-052</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 37 acres VC5 30 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 19 acres 800-1200 ft. 54 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 36 acres Medium 0 acres High 38 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 34 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 35 acres of slopes > 75%.

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TIMBER

Potentially very low volume per acre.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

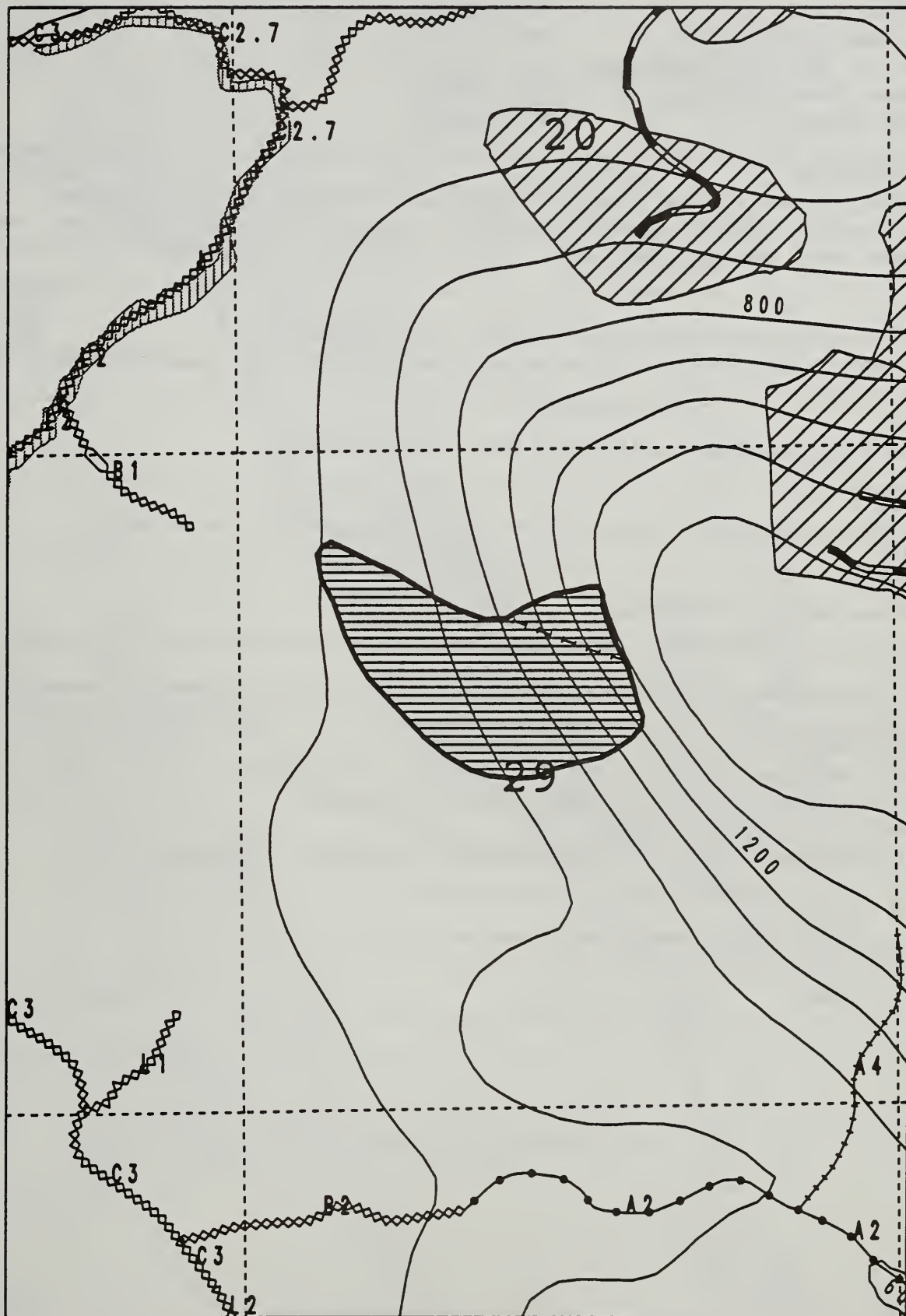
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 574-228



- |           |                              |
|-----------|------------------------------|
| — — — — — | UNCLASS. STREAM WITHIN UNITS |
| ◇ ◇ ◇ ◇ ◇ | CLASS 1 STREAM               |
| ● — — — ● | CLASS 2 STREAM               |
| — — — — — | CLASS 3 STREAM               |
| — — — — — | EXISTING ROADS               |
| — — — — — | ALTERNATIVE ROAD             |
| — — — — — | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▤ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-228</u>	Alternatives considered <u>3</u>
Planned acres <u>65</u>	Quad <u>CRGD3SWN</u>
Estimated volume (mbf) <u>1690</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Partial cut</u>	Photo <u>990082</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 26 acres VC6 22 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 48 acres 800-1200 ft. 15 acres 1200-1500 ft. 1 acres over 1500 ft. 0 acres  
Mass movement index: Low 65 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

Partial cut harvest required to meet specified visual quality objectives.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of PR within the viewshed of Hatchery Lake  
as viewed from from centerline of lake.  
This unit is prescribed for partial cut harvest to meet VQO proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

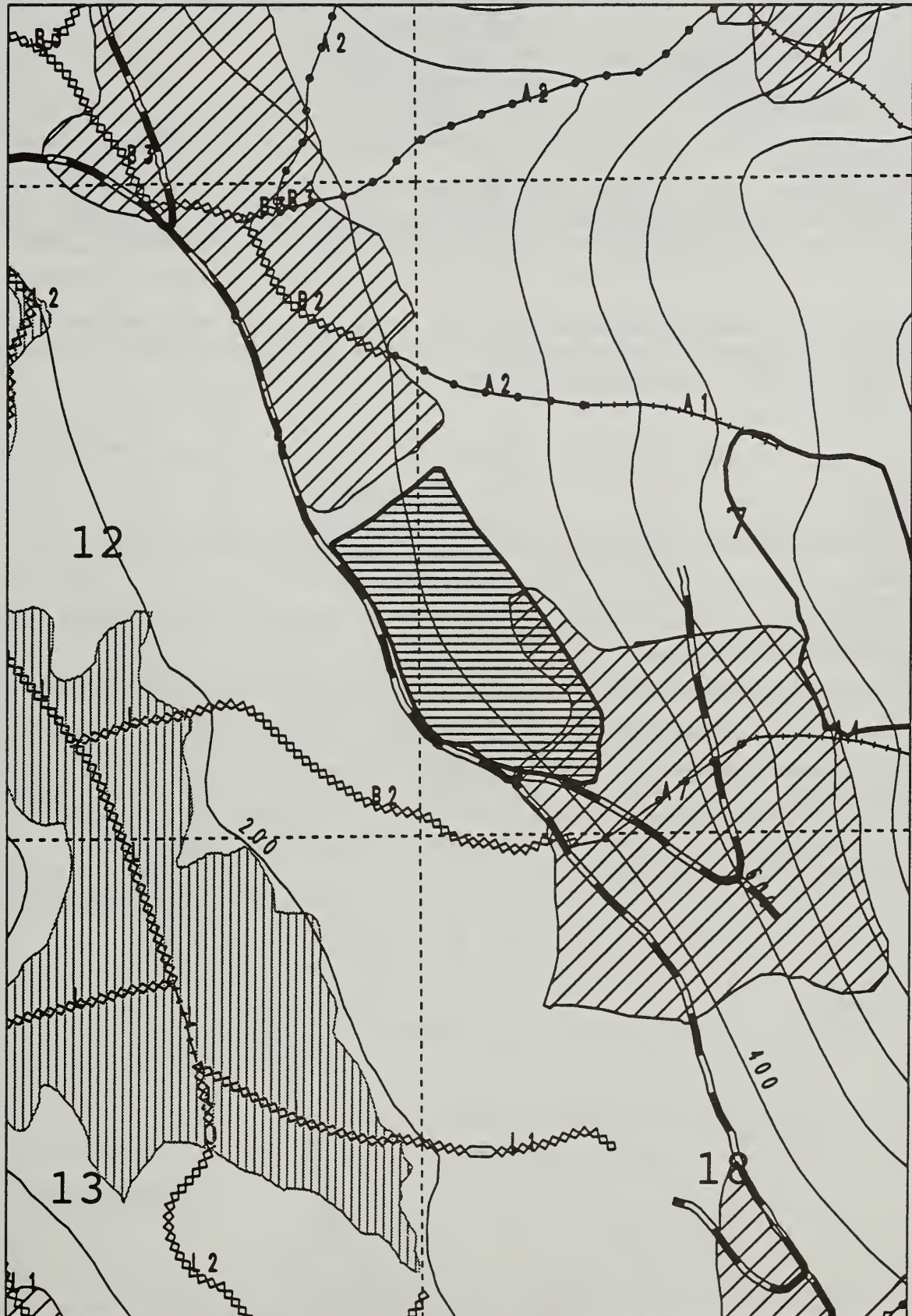
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 574-238



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-238</u>	Alternatives considered <u>4</u>
Planned acres <u>64</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>1563</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990079</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 19 acres VC5 35 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 64 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 49 acres Medium 0 acres High 15 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of PR within the viewshed of Hatchery Lake  
as viewed from from centerline of lake.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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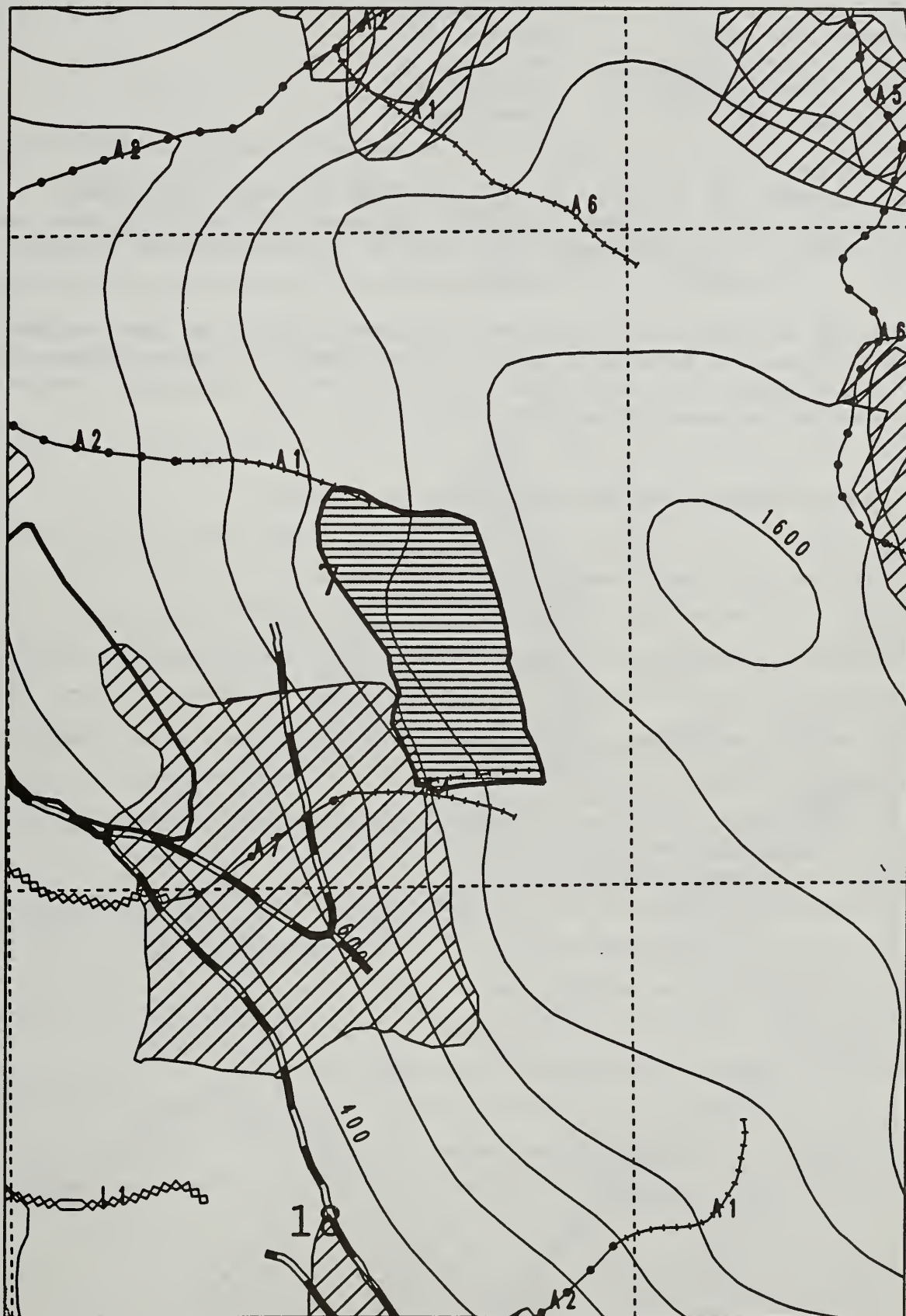
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 574-239



- |                   |                              |
|-------------------|------------------------------|
| — — — — —         | UNCLASS. STREAM WITHIN UNITS |
| ○ ○ ○ ○ ○         | CLASS 1 STREAM               |
| ● — ● — ● — ●     | CLASS 2 STREAM               |
| — + — + — + — + — | CLASS 3 STREAM               |
| — — — — —         | EXISTING ROADS               |
| — — — — —         | ALTERNATIVE ROAD             |
| — — — — —         | CONTOUR LINE                 |
| - - - - -         | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ■ | EAGLE NEST    |
| ▨ | PRIOR HARVEST |
| ▨ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-239</u>	Alternatives considered <u>3</u>
Planned acres <u>57</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>1563</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Partial cut</u>	Photo <u>990079</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 19 acres VC5 35 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 27 acres 1200-1500 ft. 30 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 27 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Partial cut harvest required to meet specified visual quality objectives.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.

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WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

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RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
The unit has a proposed VQO of PR within the viewshed of Hatchery Lake  
as viewed from from centerline of lake.  
This unit is prescribed for partial cut harvest to meet VQO proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

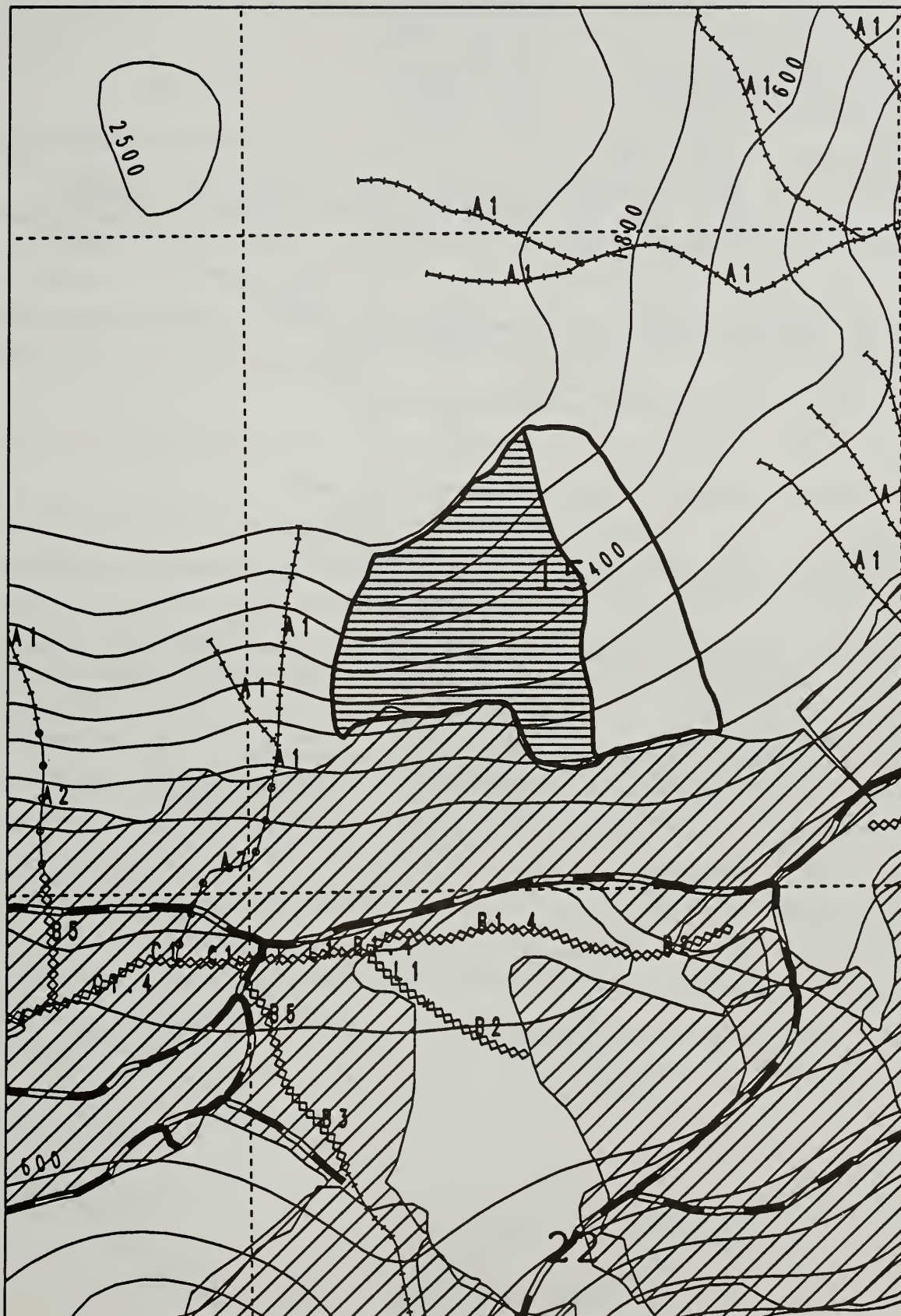
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 574-247



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- ++++ CLASS 3 STREAM
- ==== EXISTING ROADS
- ==== ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-247</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>75</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>2485</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690163</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 70 acres VC6 5 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 13 acres 1200-1500 ft. 24 acres over 1500 ft. 38 acres  
Mass movement index: Low 75 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

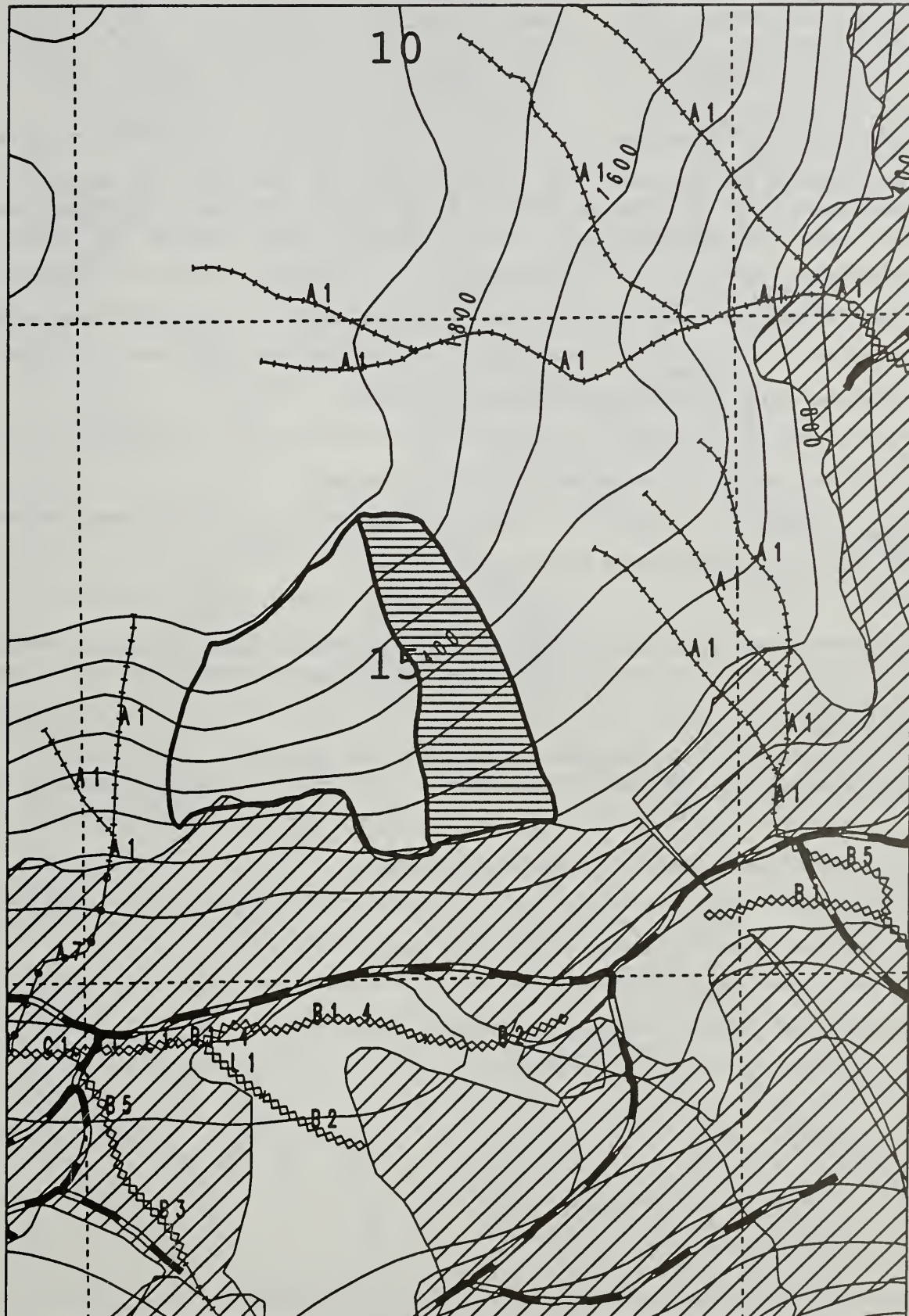
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 574-248



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ ◇ CLASS 1 STREAM
- — — — — CLASS 2 STREAM
- + + + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- + + + — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>574-248</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>47</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>1572</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090207</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 41 acres VC6 6 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 21 acres 1200-1500 ft. 11 acres over 1500 ft. 15 acres  
Mass movement index: Low 47 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

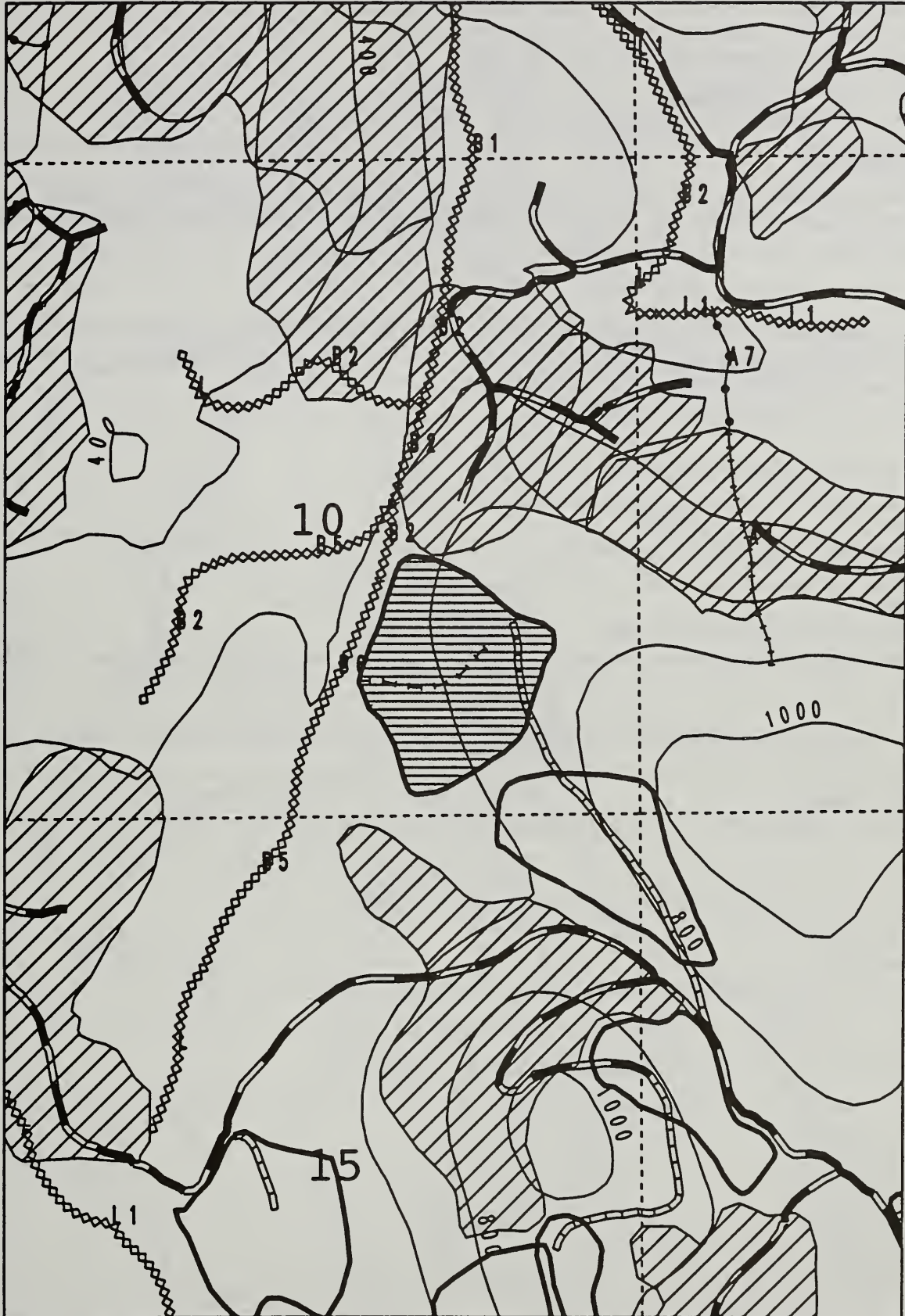
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 577-200



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIORITY HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-200</u>	Alternatives considered <u>4 5</u>
Planned acres <u>45</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>1228</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890113</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 13 acres VC6 9 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 1 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 34 acres Medium 0 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

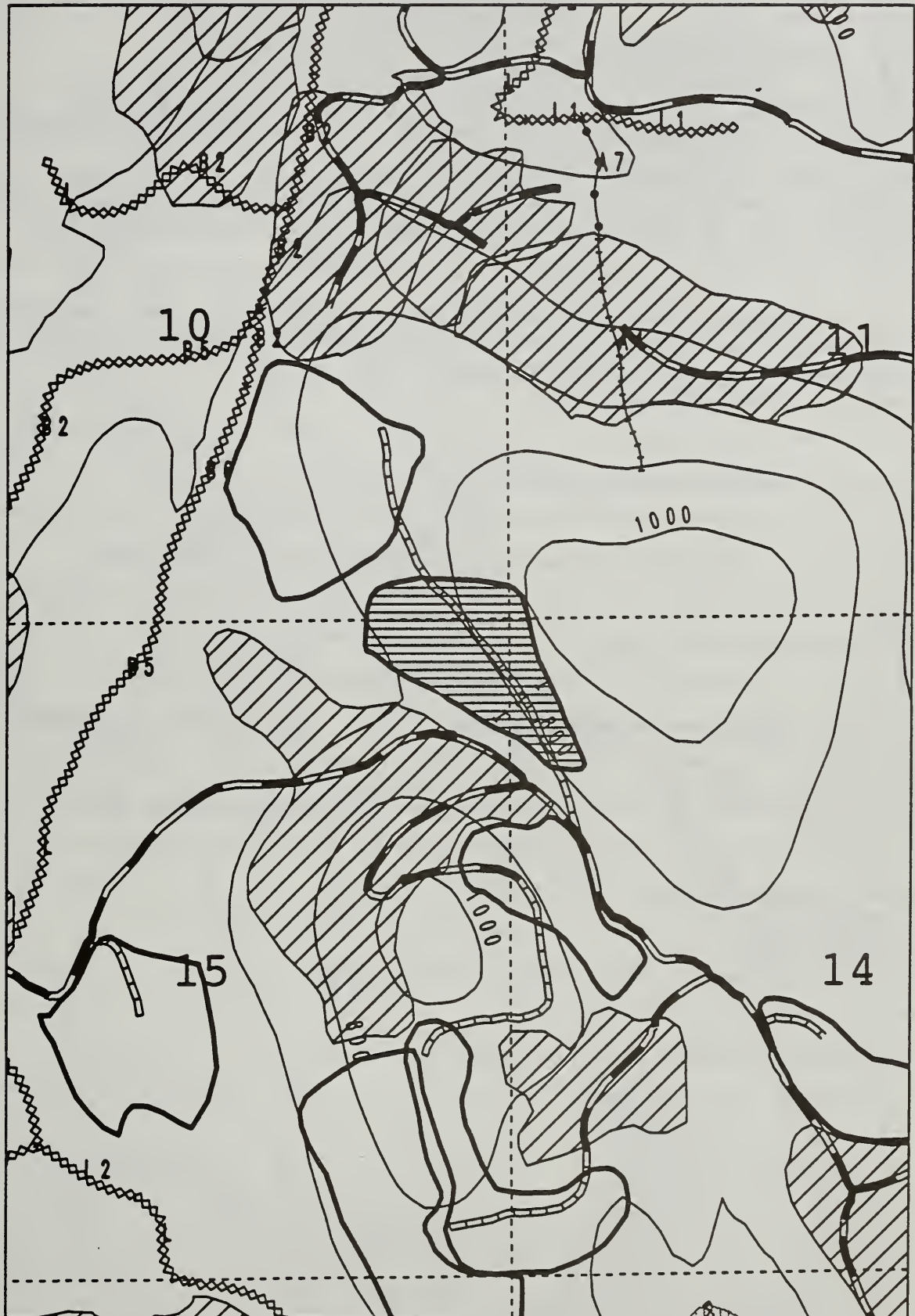
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 577-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-201</u>	Alternatives considered <u>4 5</u>
Planned acres <u>33</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>722</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890113</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 33 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 21 acres 800-1200 ft. 12 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 4 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 23 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 8 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

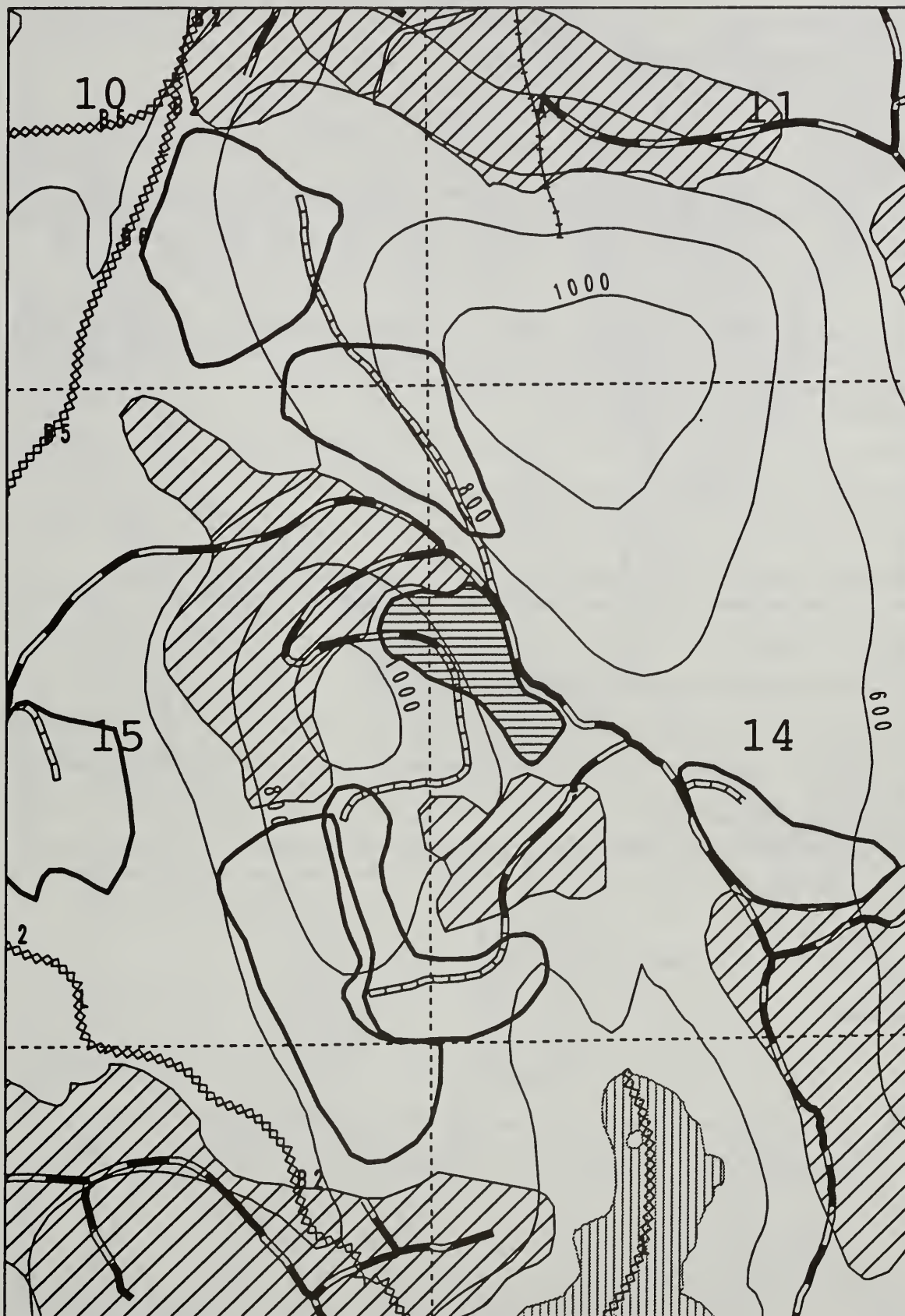
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 577-202



- — — — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- • — • — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- ▨ UNIT
- ▩ EAGLE NEST
- ▧ PRIOR HARVEST
- ▤ WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-202</u>	Alternatives considered <u>4 5</u>
Planned acres <u>21</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>448</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 5 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 15 acres 800-1200 ft. 6 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 19 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

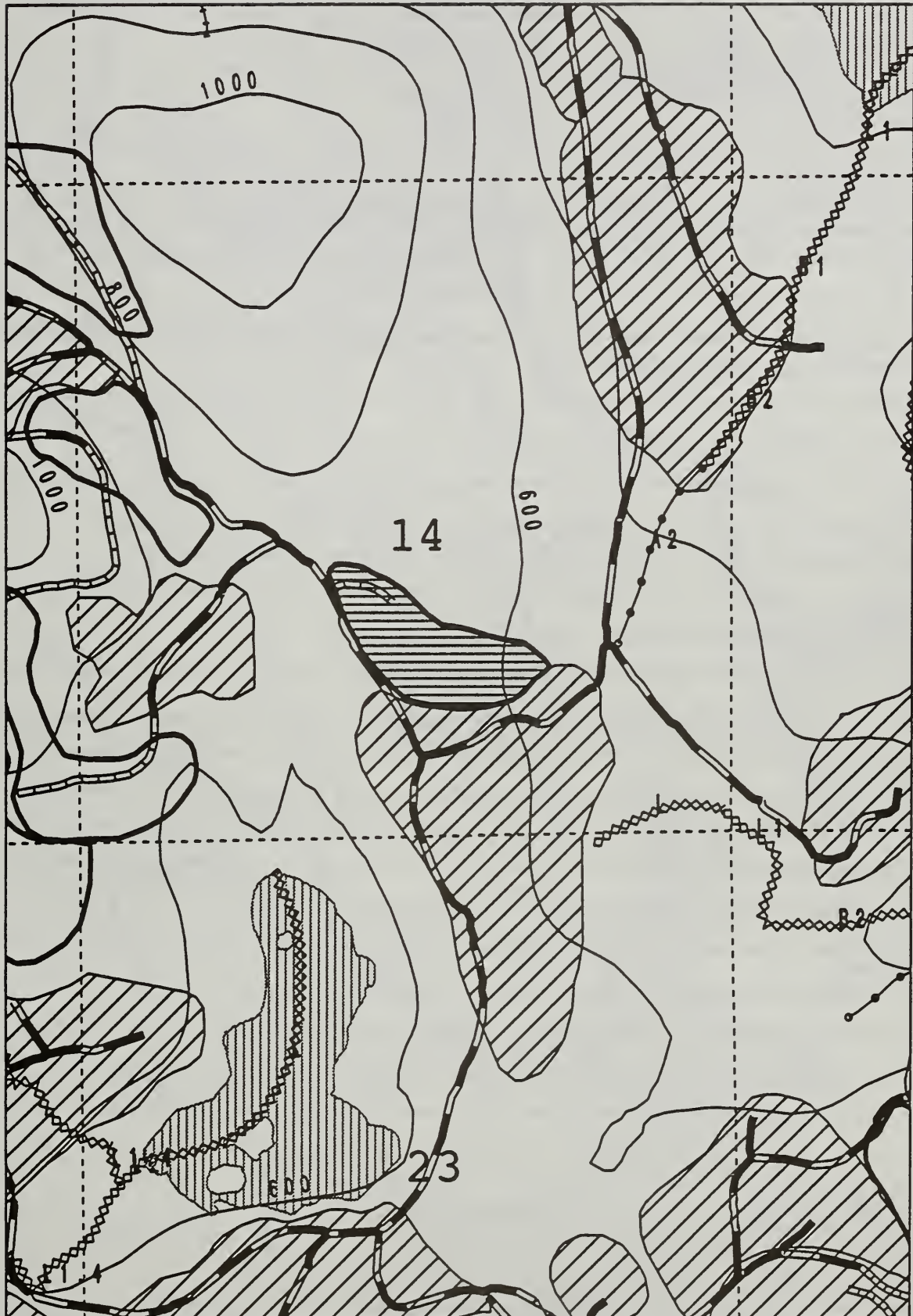
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 577-204



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- — ● CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-204</u>	Alternatives considered <u>4 5</u>
Planned acres <u>23</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>688</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 19 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 23 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 0 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 18 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).  
This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 577-205



- UNCLASS. STREAM WITHIN UNITS
- ⊗ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-205</u>	Alternatives considered <u>3 4</u>
Planned acres <u>36</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>733</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890114</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 32 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 22 acres 800-1200 ft. 13 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 1 acres Very High 0 acres

SOILS

This unit contains 26 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

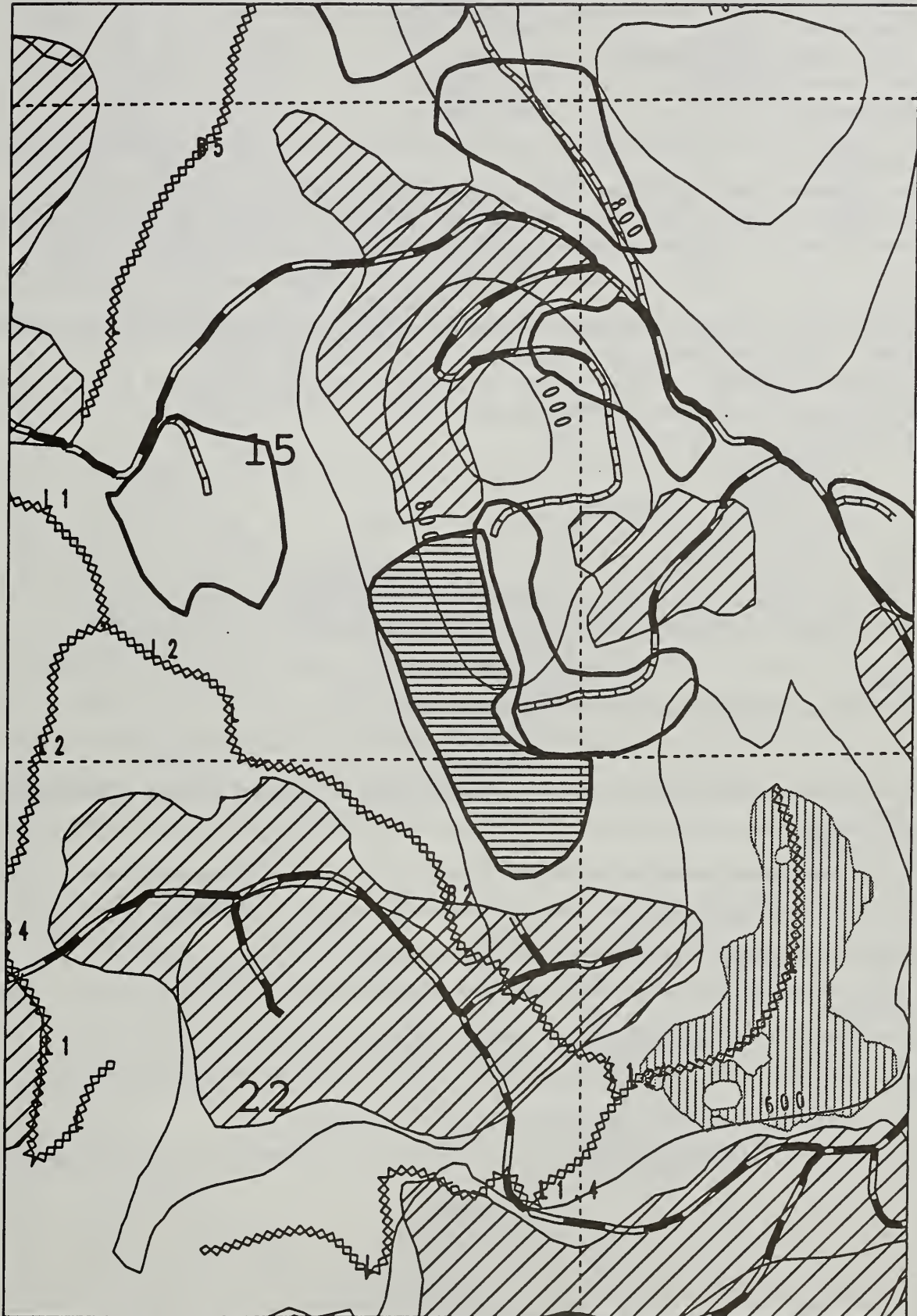
There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 577-205

B



- ||||| UNCLASS. STREAM WITHIN UNITS
- xxxxx CLASS 1 STREAM
- o-o-o CLASS 2 STREAM
- CLASS 3 STREAM
- == EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-205 B</u>	Alternatives considered <u>3 4</u>
Planned acres <u>55</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>1301</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890114</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 31 acres VC5 19 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 45 acres 800-1200 ft. 10 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 48 acres Medium 0 acres High 7 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 14 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

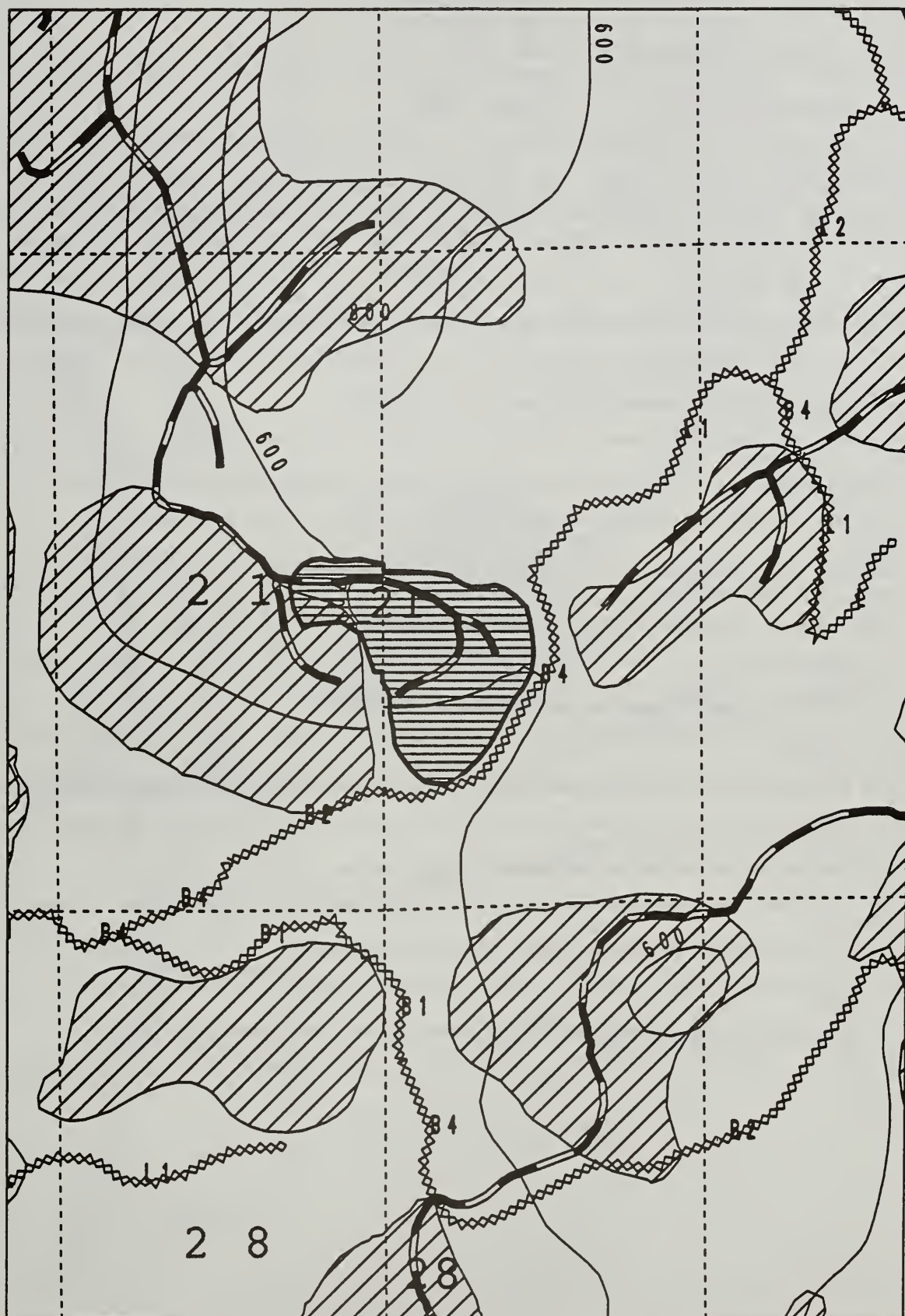
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 577-214



- — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- — — — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- — — — SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-214</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>46</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1585</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 17 acres VC6 27 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 46 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 3 acres High 39 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

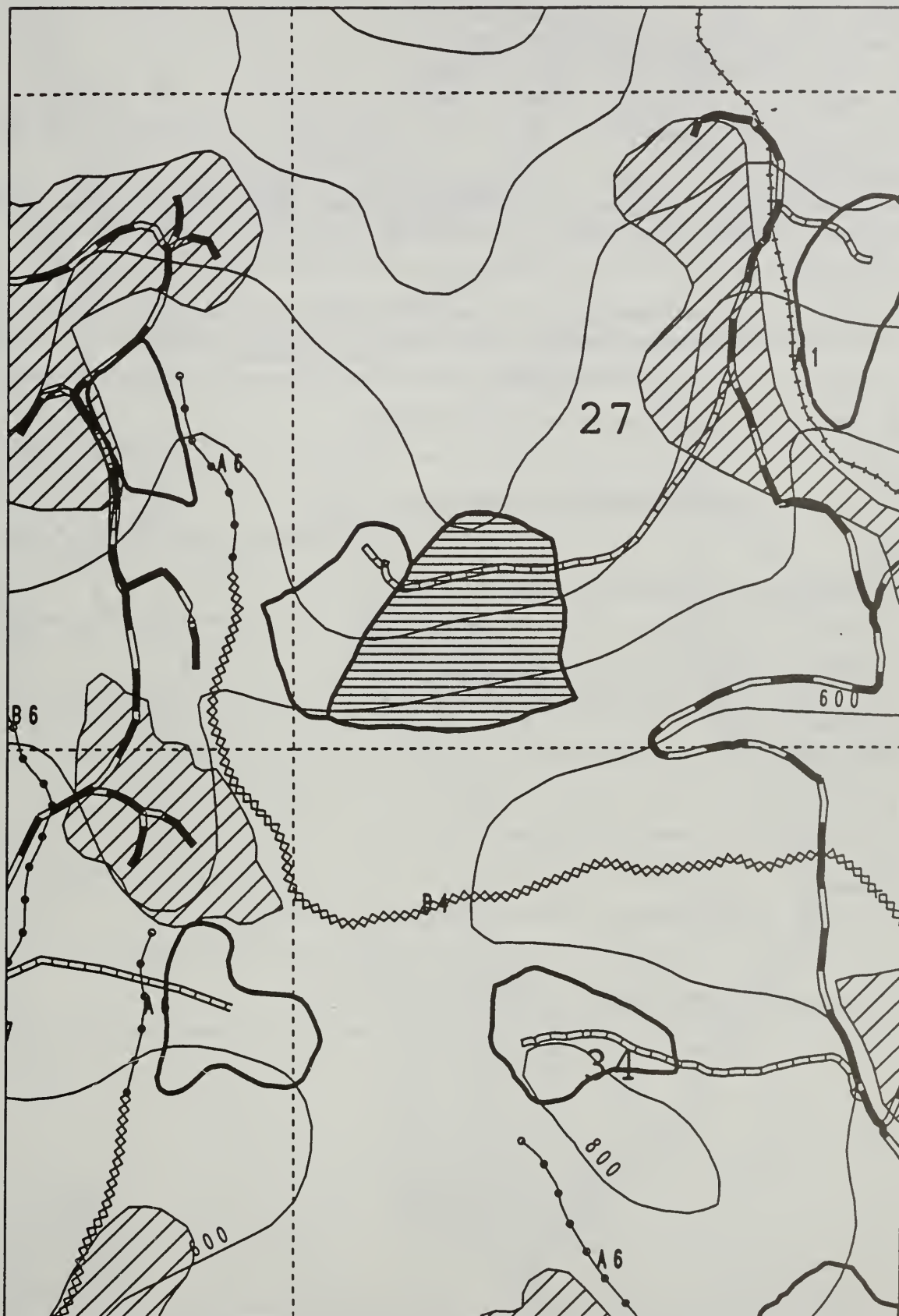
This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

# UNIT 577-276



- |           |                              |
|-----------|------------------------------|
| — — —     | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○    | CLASS 1 STREAM               |
| ●—●—●—    | CLASS 2 STREAM               |
| —+—+—+—   | CLASS 3 STREAM               |
| —+—+—+—   | EXISTING ROADS               |
| —+—+—+—   | ALTERNATIVE ROAD             |
| —         | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |         |               |
|---------|---------------|
| —+—+—+— | UNIT          |
| ●—●—●—  | EAGLE NEST    |
| —+—+—+— | PRIOR HARVEST |
| —+—+—+— | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-276</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>56</u>	Quad <u>CRGD4NEN</u>
Estimated volume (mbf) <u>1694</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190066</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 43 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 54 acres 1200-1500 ft. 2 acres over 1500 ft. 0 acres  
Mass movement index: Low 56 acres Medium 0 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 577-278



- |       |                              |                        |               |
|-------|------------------------------|------------------------|---------------|
| ---   | UNCLASS. STREAM WITHIN UNITS | [Hatched Box]          | UNIT          |
| ----- | CLASS 1 STREAM               | [Cross-hatched Box]    | EAGLE NEST    |
| ----- | CLASS 2 STREAM               | [Diagonal Hatched Box] | PRIOR HARVEST |
| ----- | CLASS 3 STREAM               | [Vertical Hatched Box] | WATER         |
| ----- | EXISTING ROADS               |                        |               |
| ----- | ALTERNATIVE ROAD             |                        |               |
| ----- | CONTOUR LINE                 |                        |               |
| ---   | SECTION LINE                 |                        |               |
- NORTH



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-278</u>	Alternatives considered <u>2 3</u>
Planned acres <u>24</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>514</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190065</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 24 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 11 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

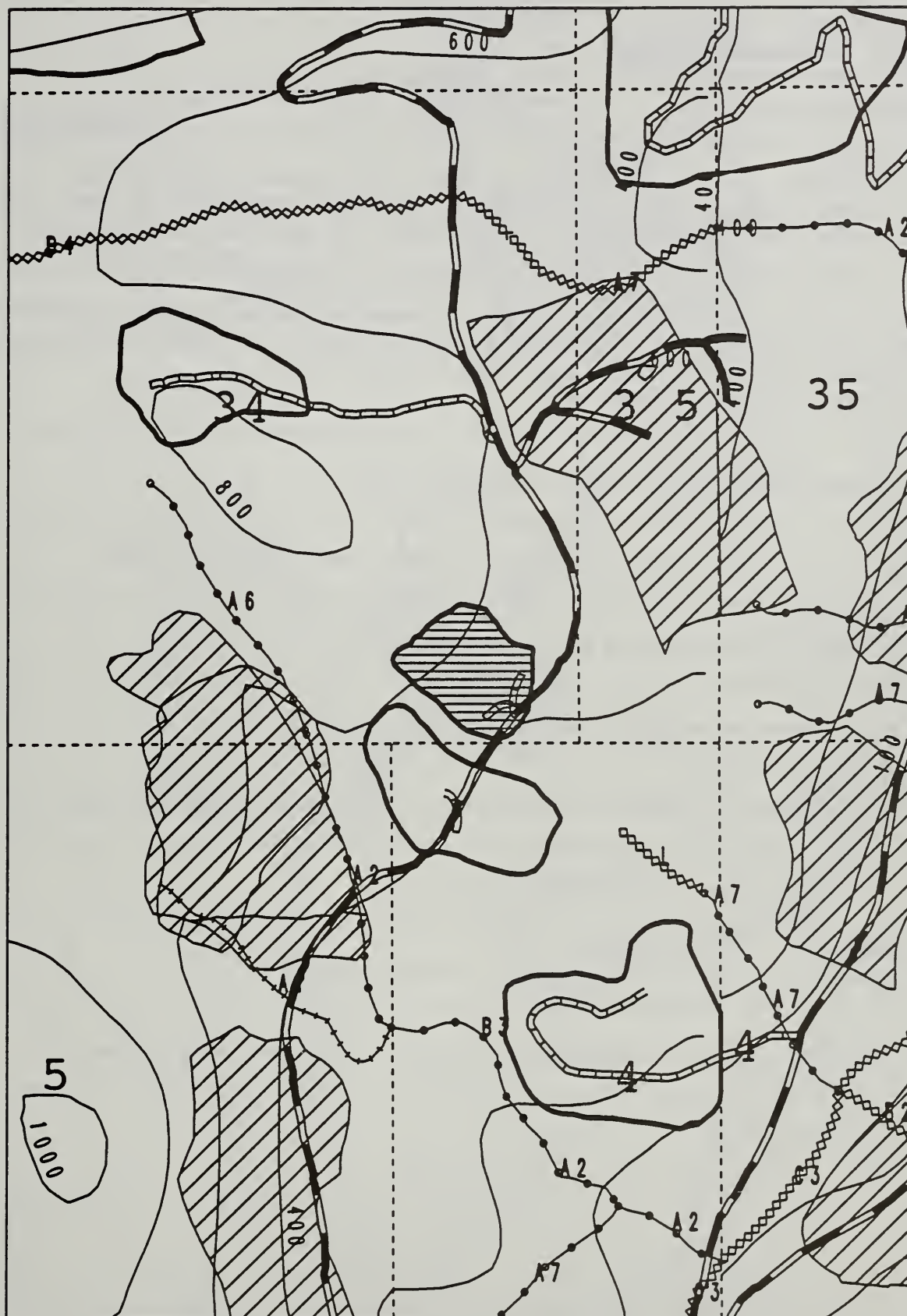
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 577-280



- UNCLASS. STREAM WITHIN UNITS
- xxxxxx CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ||||| CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-280</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>18</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>416</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190065</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 4 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 0 acres High 15 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 13 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 4 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

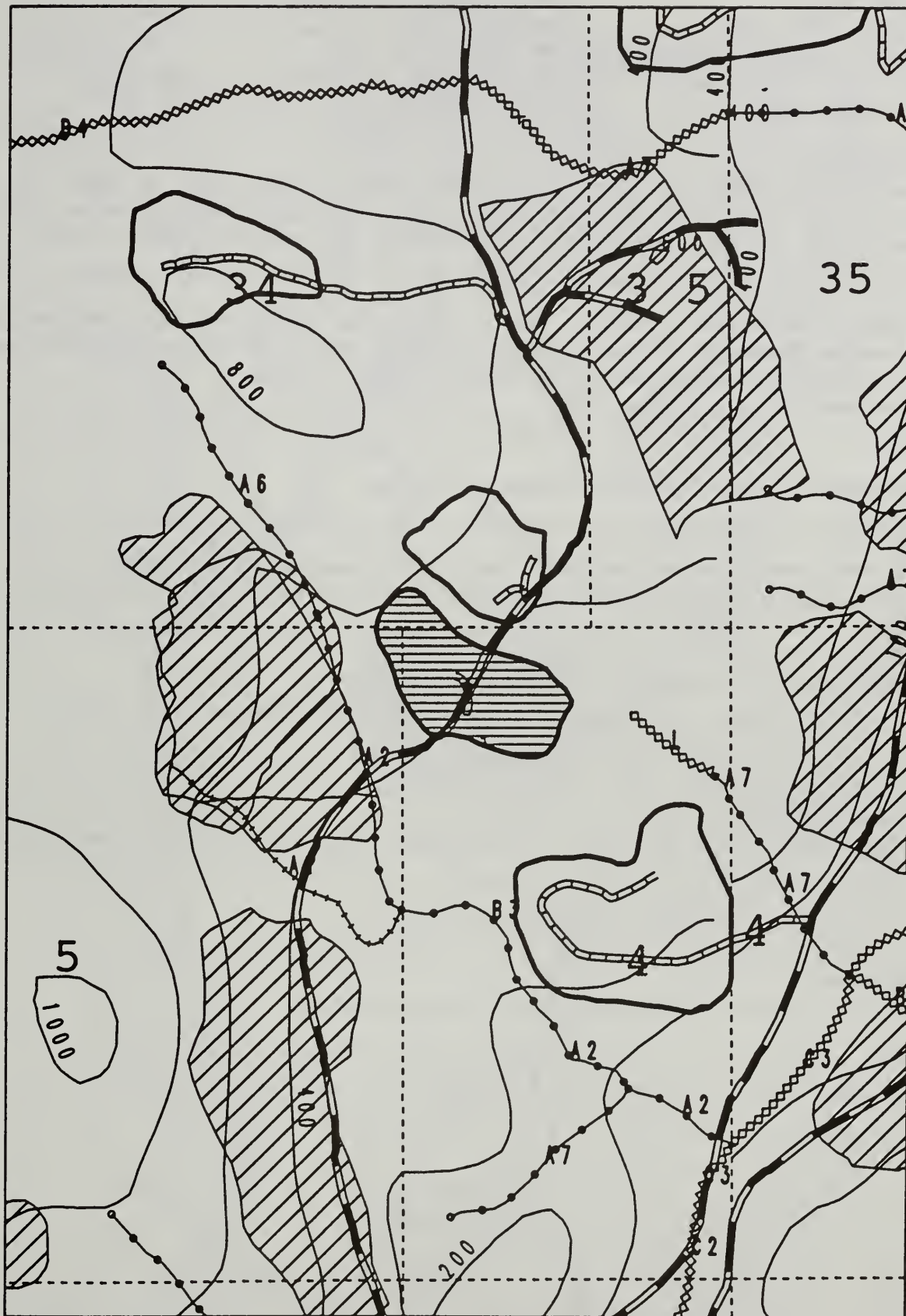
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 577-281



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-281</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>27</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>852</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190065</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 0 acres High 23 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 10 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

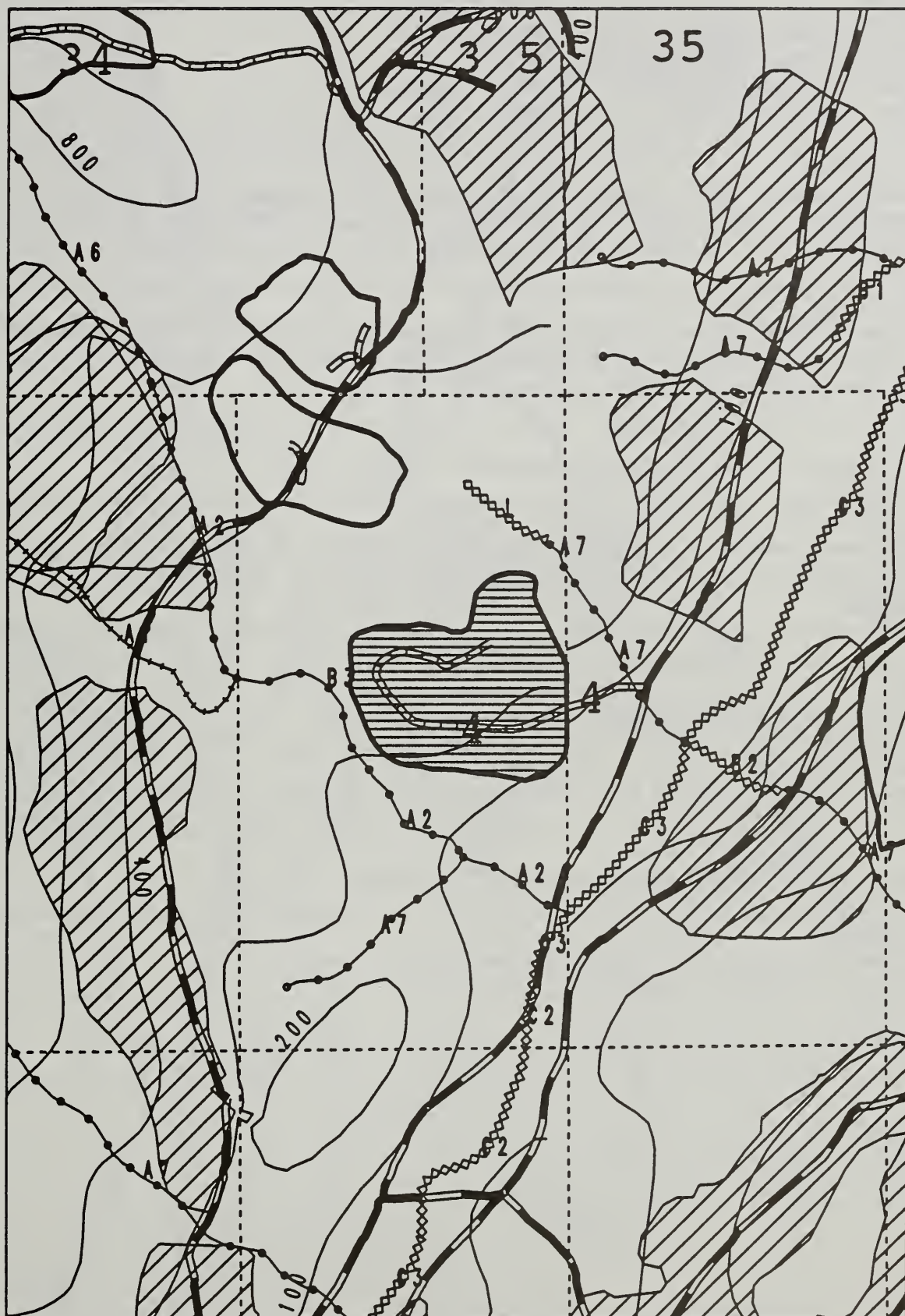
This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

# UNIT 577-284



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- - - CLASS 2 STREAM
- - - CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- ▨ PRIOR HARVEST
- ▨ WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-284</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>48</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1541</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190065</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 47 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 48 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 24 acres High 12 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 45 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a B3 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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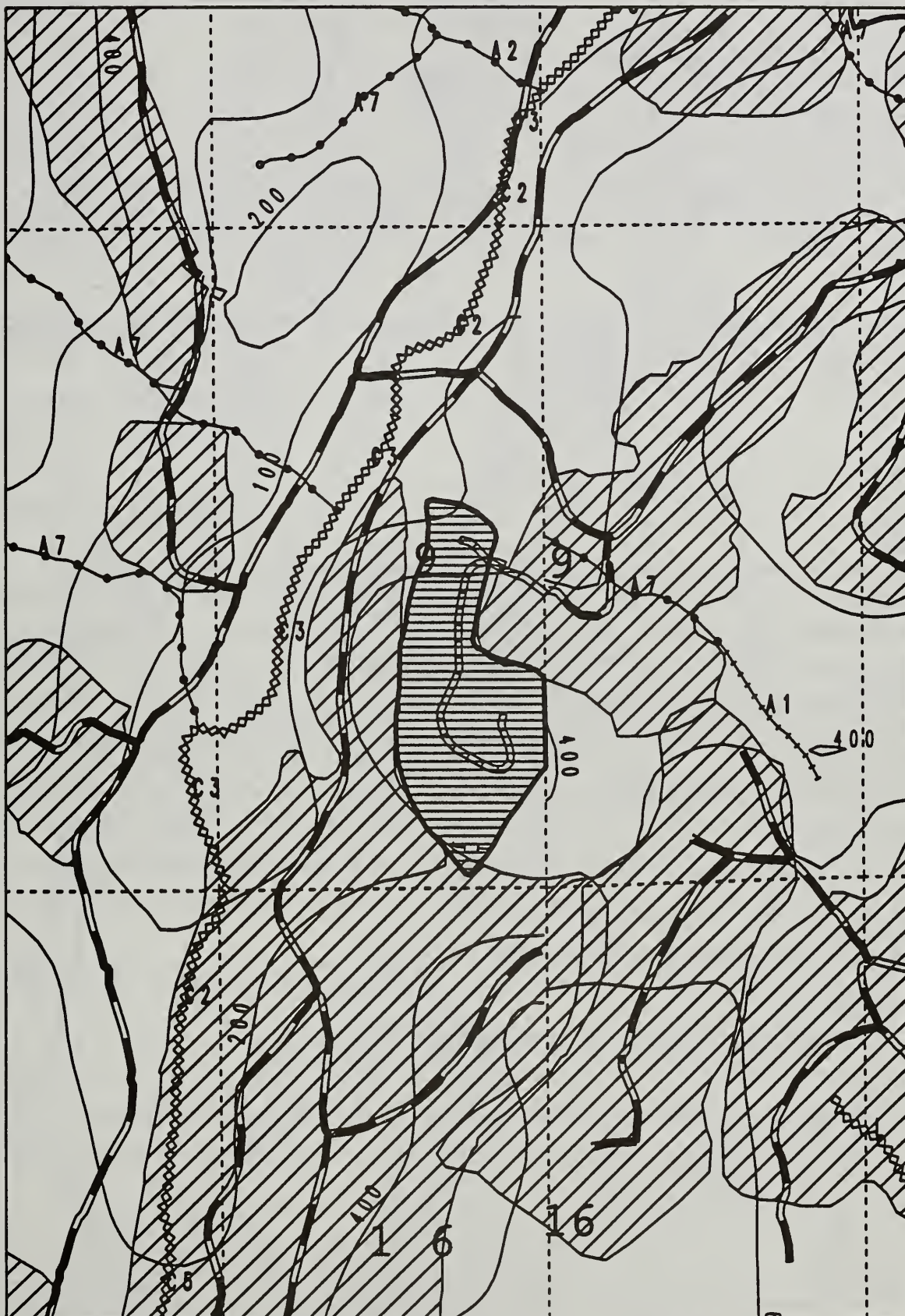
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

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SCALE 1:15840

# UNIT 577-286



- — — — — UNCLASS. STREAM WITHIN UNITS
- x — x — x — CLASS 1 STREAM
- • — • — • — CLASS 2 STREAM
- - - - - CLASS 3 STREAM
- — — — — EXISTING ROADS
- x — x — x — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- — — — — UNIT
- x — x — x — EAGLE NEST
- / — / — / — PRIOR HARVEST
- — — — — WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-286</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>52</u>	Quad <u>CRGD4NES</u>
Estimated volume (mbf) <u>1709</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190063</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 44 acres VC6 7 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 52 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 42 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of riparian soils. Maintain water quality and fish habitat (BMPs12.6, 13.9).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP14.13).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

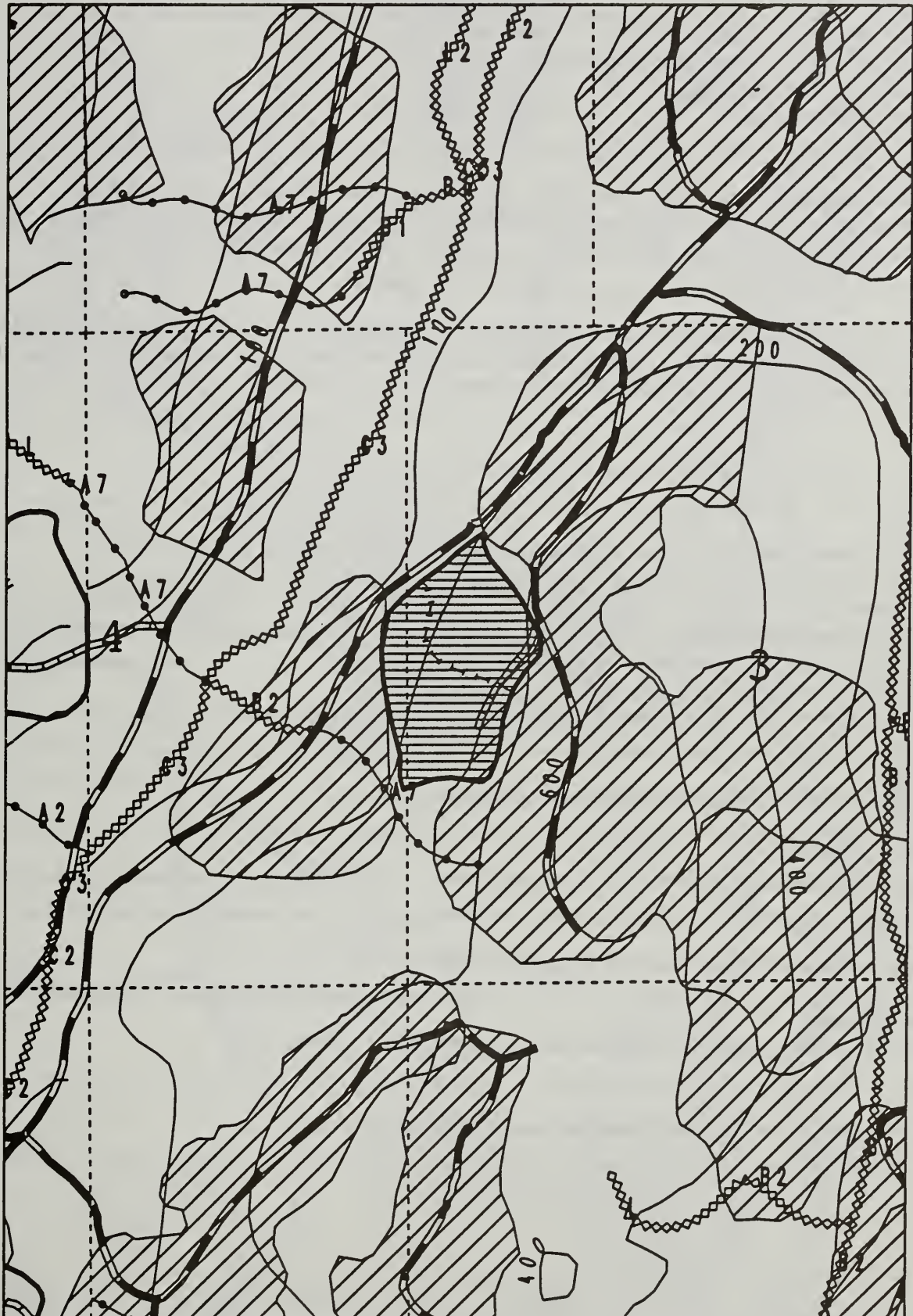
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 577-316



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-316</u>	Alternatives considered <u>2 4</u>
Planned acres <u>39</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>1183</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890111</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 21 acres VC6 13 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 39 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 20 acres Medium 0 acres High 19 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 13 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

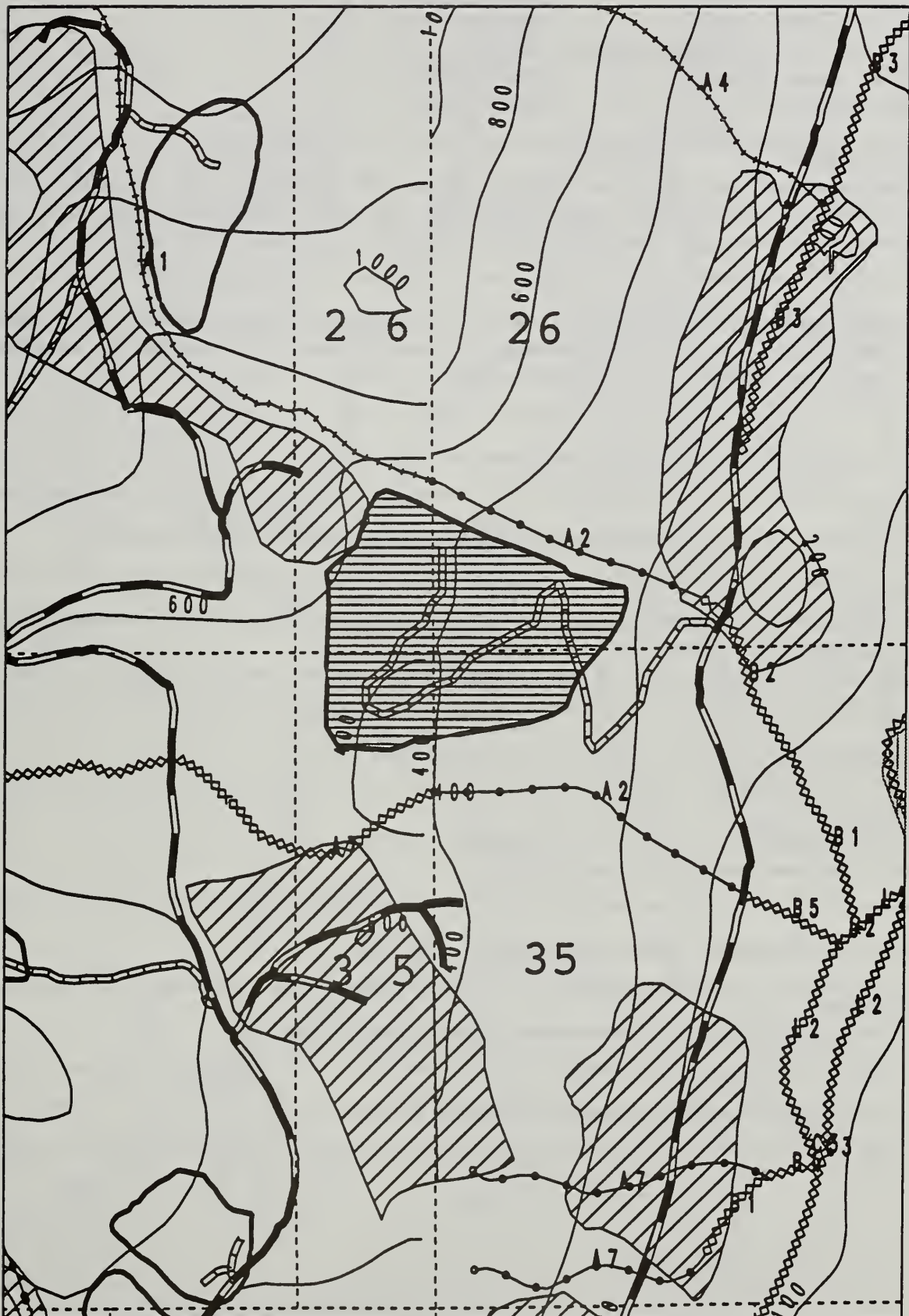
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 577-317



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-317</u>	Alternatives considered <u>3 4</u>
Planned acres <u>79</u>	Quad <u>CRGD3NWN</u>
Estimated volume (mbf) <u>2401</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190066</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 36 acres VC6 20 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 76 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 2 acres  
Mass movement index: Low 60 acres Medium 3 acres High 16 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 63 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of PR within the viewshed of Sweetwater Lake  
as viewed from from centerline of lake.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

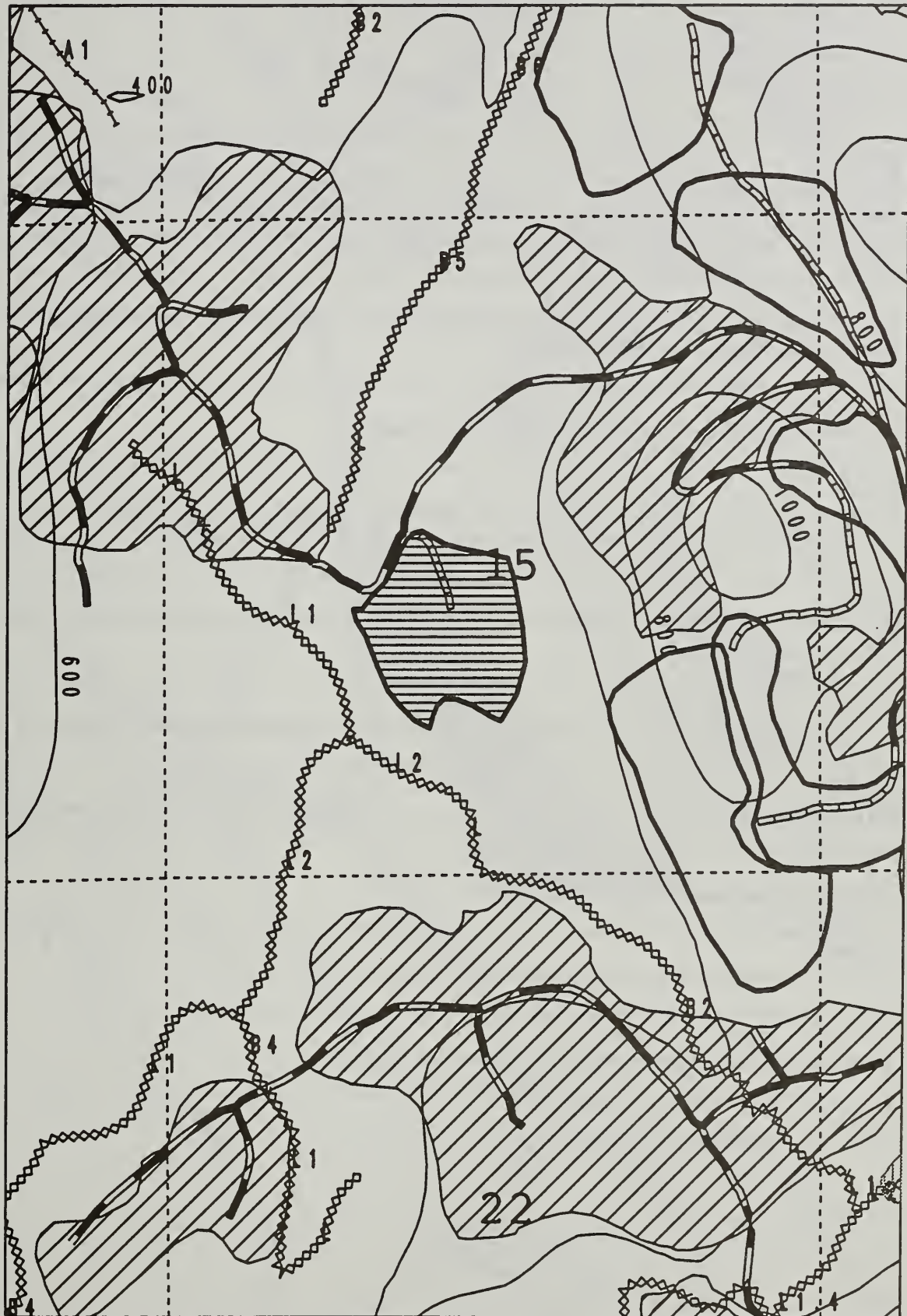
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 577-320



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>577-320</u>	Alternatives considered <u>3 4</u>
Planned acres <u>34</u>	Quad <u>CRGD3NWS</u>
Estimated volume (mbf) <u>951</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1421</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890113</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 29 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 34 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 24 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

---

WILDLIFE

This unit is within an area potentially used by goshawks. Survey to determine presence or absence within unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

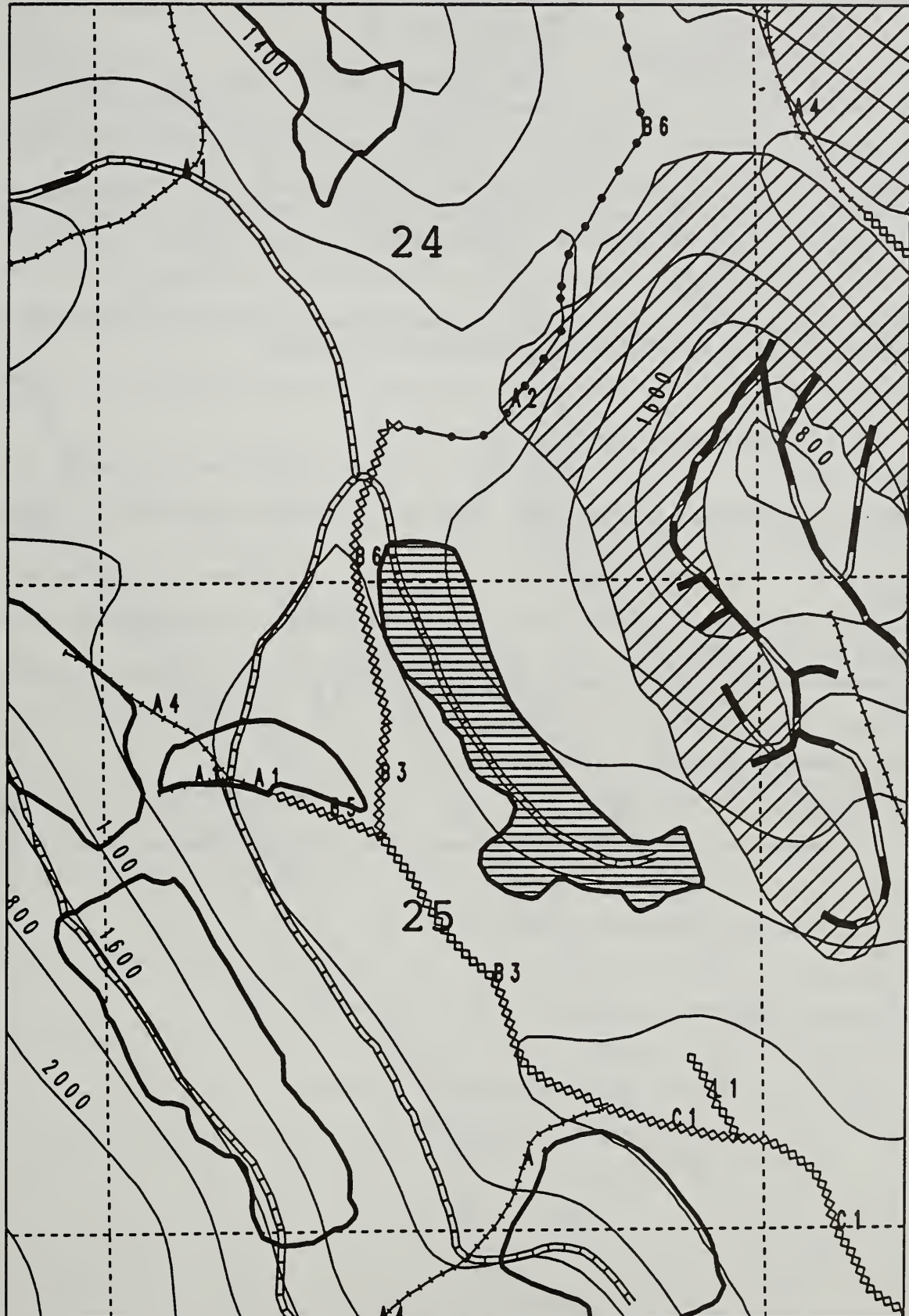
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 579-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-201</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>56</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1182</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090086</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 54 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 47 acres 1200-1500 ft. 8 acres over 1500 ft. 0 acres  
Mass movement index: Low 56 acres Medium 0 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 28 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

The road into this unit crosses a B6 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

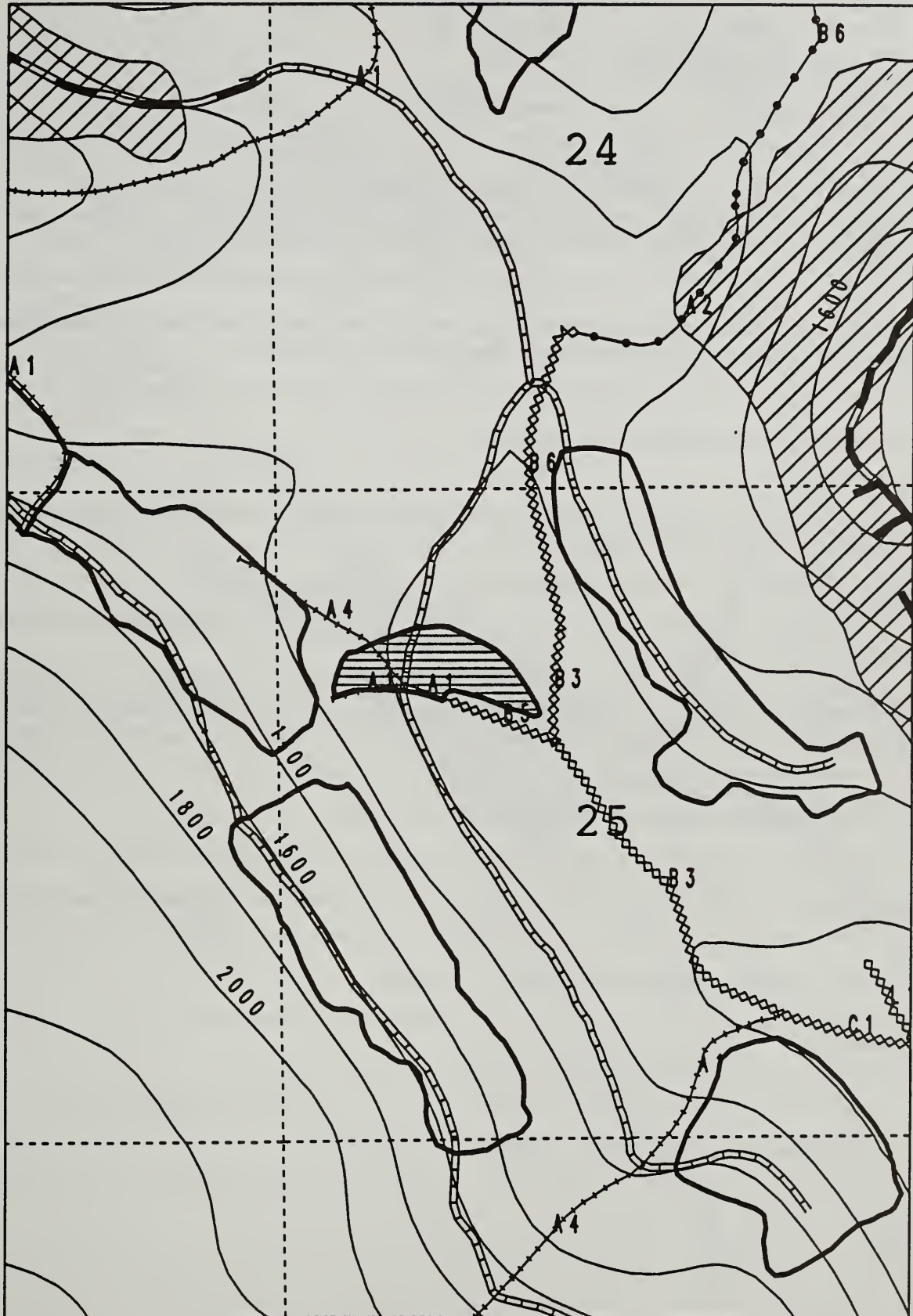
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 579-202



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-202</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>15</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>492</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 15 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 15 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 14 acres Medium 1 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 8 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.

This unit is immediately adjacent to a B5 stream. No harvest within active fan or 100 feet of stream.

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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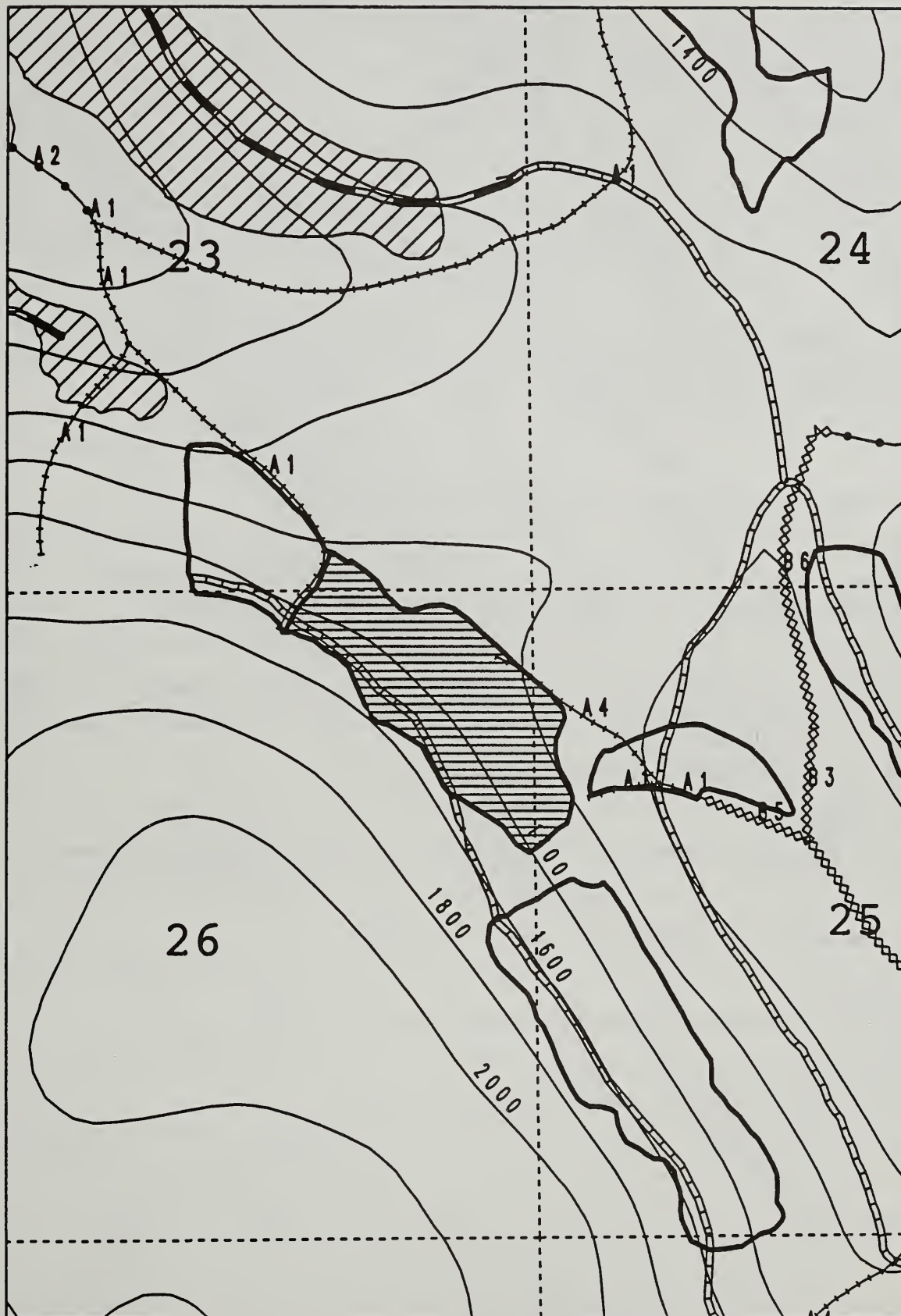
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 579-203



- UNCLASS. STREAM WITHIN UNITS
- ==== CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-203</u>	Alternatives considered <u>3</u>
Planned acres <u>56</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1585</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690041</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 39 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 5 acres 1200-1500 ft. 49 acres over 1500 ft. 2 acres  
Mass movement index: Low 7 acres Medium 14 acres High 35 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 23 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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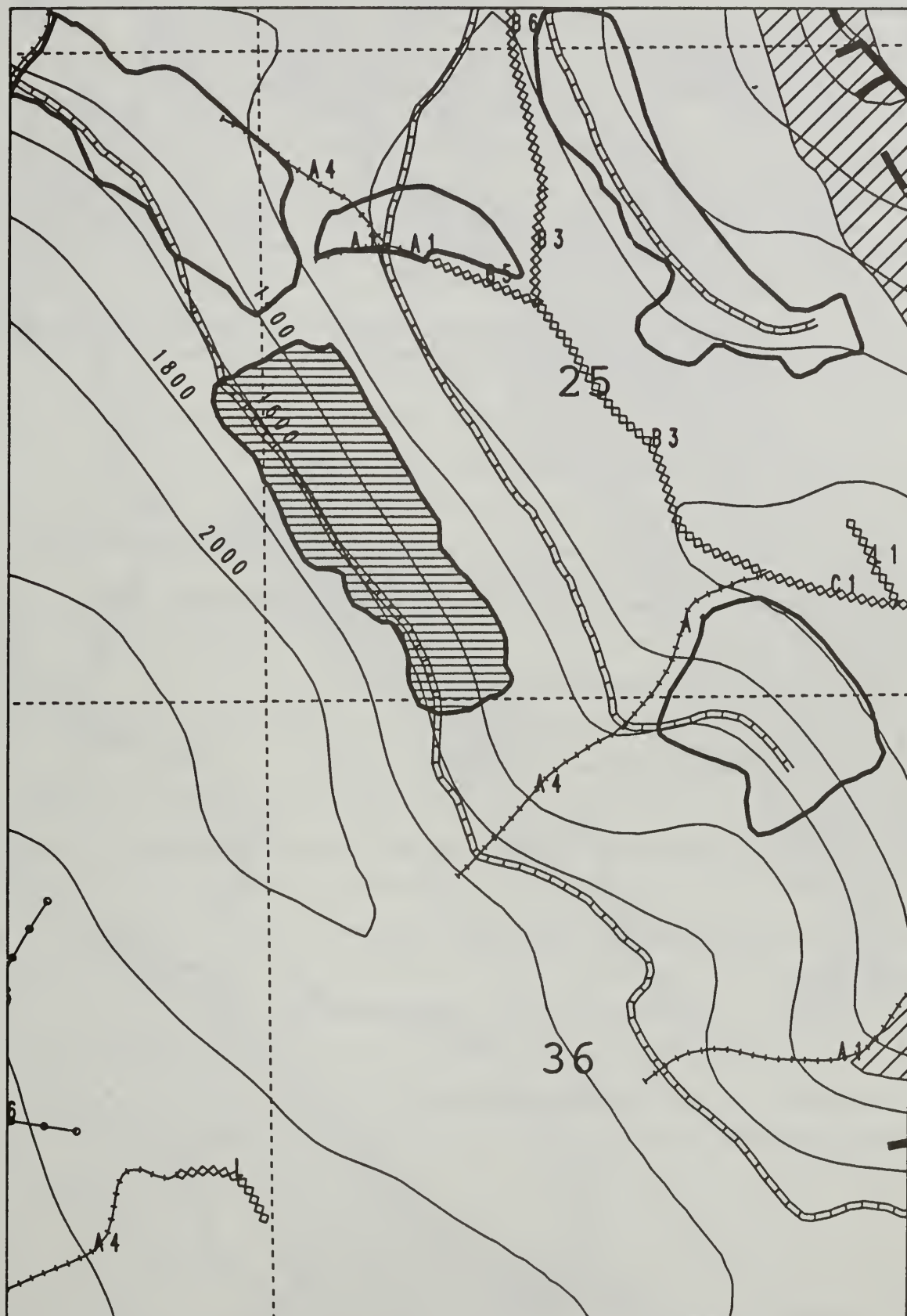
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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UNIT 579-205



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-205</u>	Alternatives considered <u>3</u>
Planned acres <u>69</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1738</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690041</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 35 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 48 acres over 1500 ft. 20 acres  
Mass movement index: Low 16 acres Medium 0 acres High 53 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 7 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

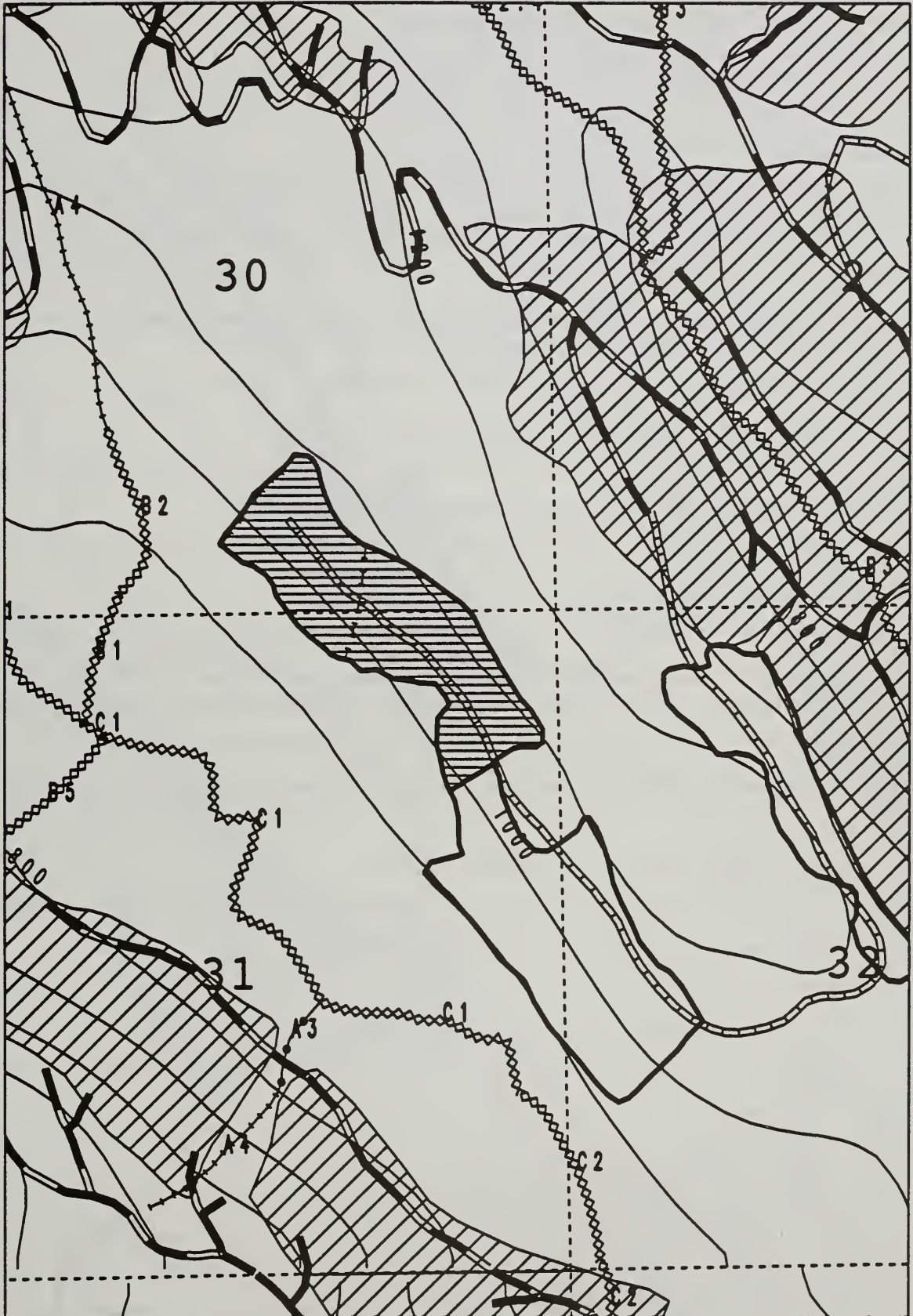
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 579-208



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- CLASS 2 STREAM
- ××× CLASS 3 STREAM
- EXISTING ROADS
- - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-208</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>54</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1160</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990200</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 53 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 45 acres 1200-1500 ft. 9 acres over 1500 ft. 0 acres  
Mass movement index: Low 54 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 49 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

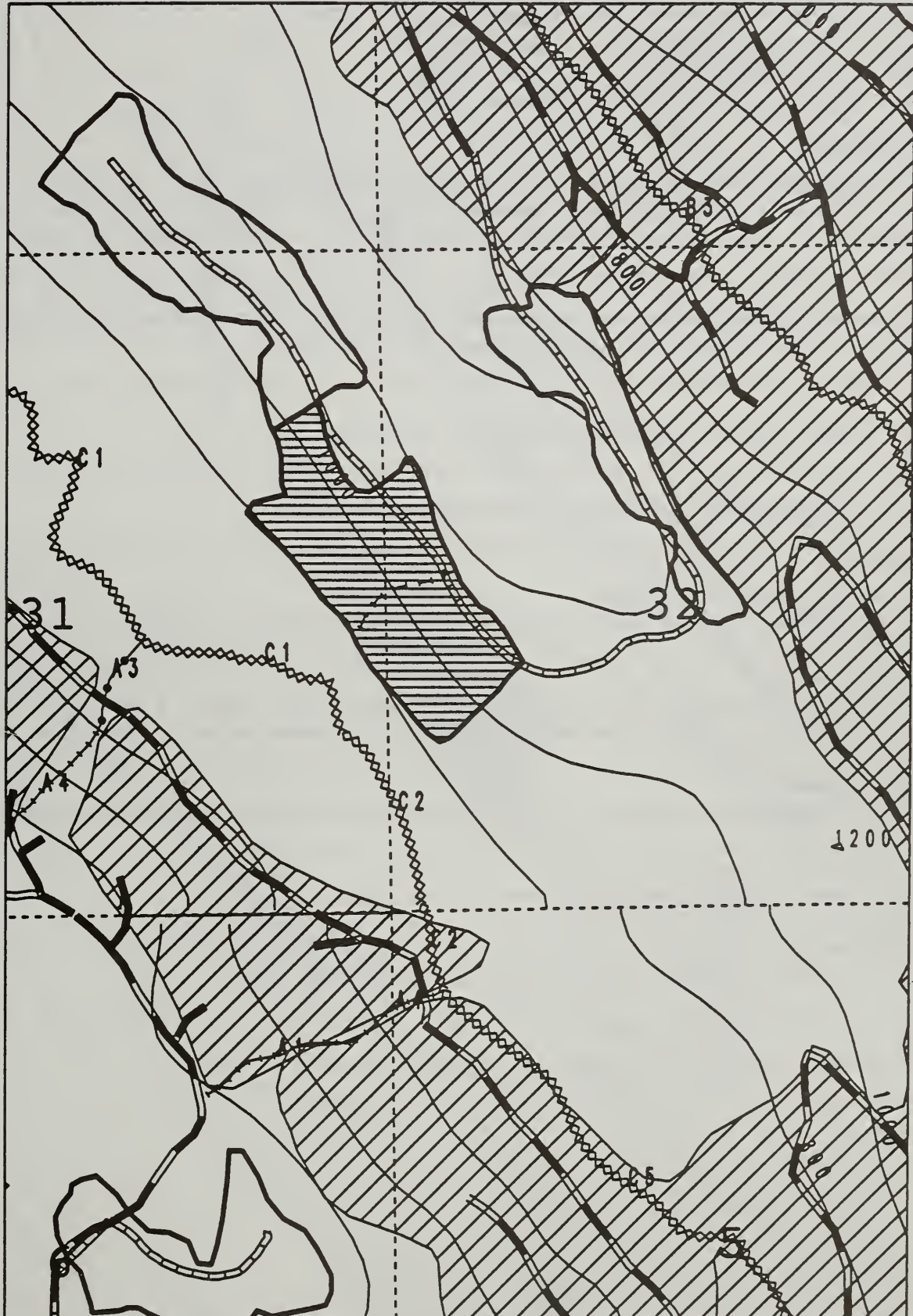
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 579-209



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-209</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>79</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1718</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990200</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 71 acres VC5 5 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 12 acres 800-1200 ft. 66 acres 1200-1500 ft. 1 acres over 1500 ft. 0 acres  
Mass movement index: Low 71 acres Medium 8 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 56 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

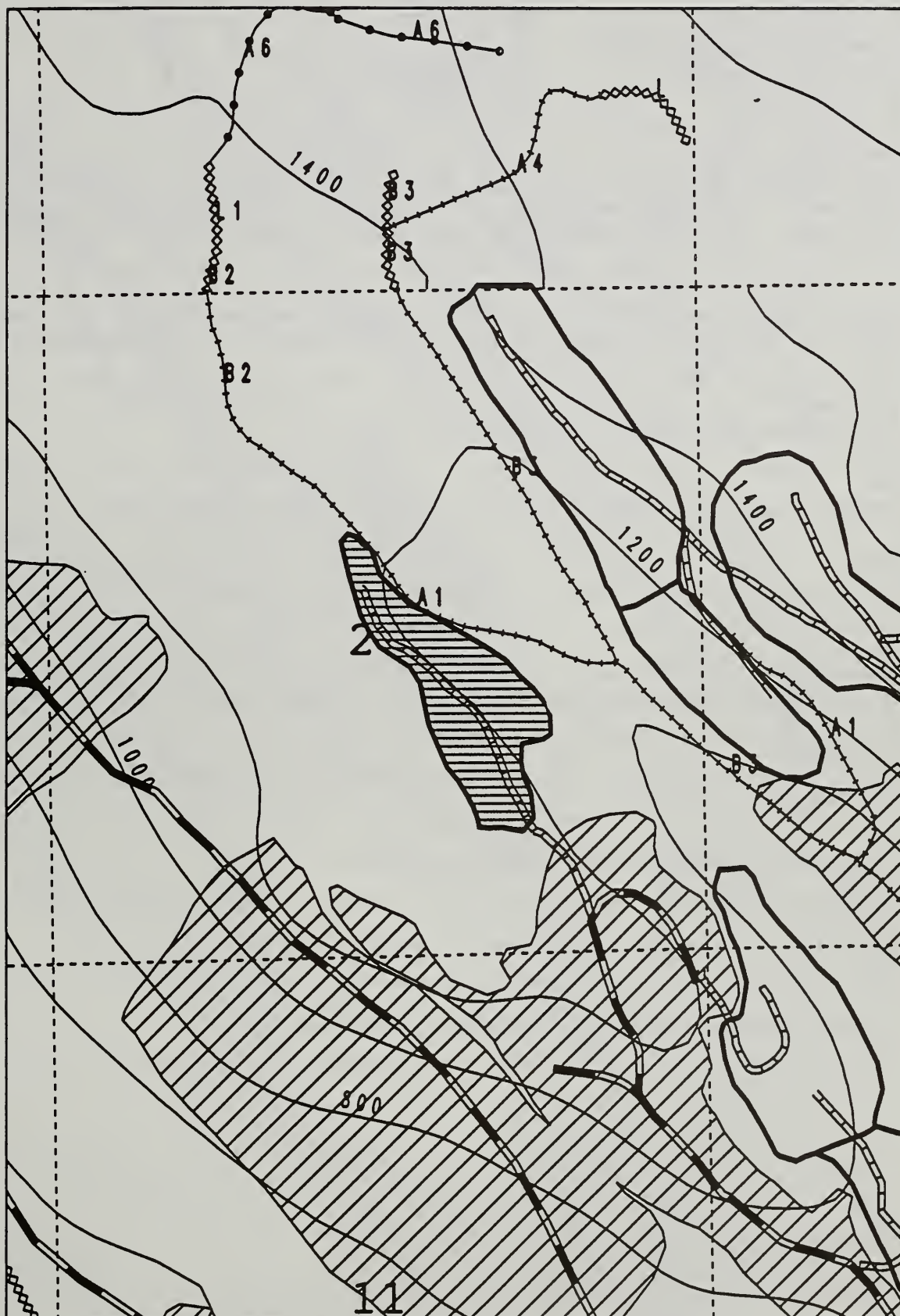
There are no geological mitigation measures anticipated for this unit.

---



SCALE 1:15840

# UNIT 579-212



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-212</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>33</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1038</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690039</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 4 acres VC5 29 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 14 acres 1200-1500 ft. 19 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

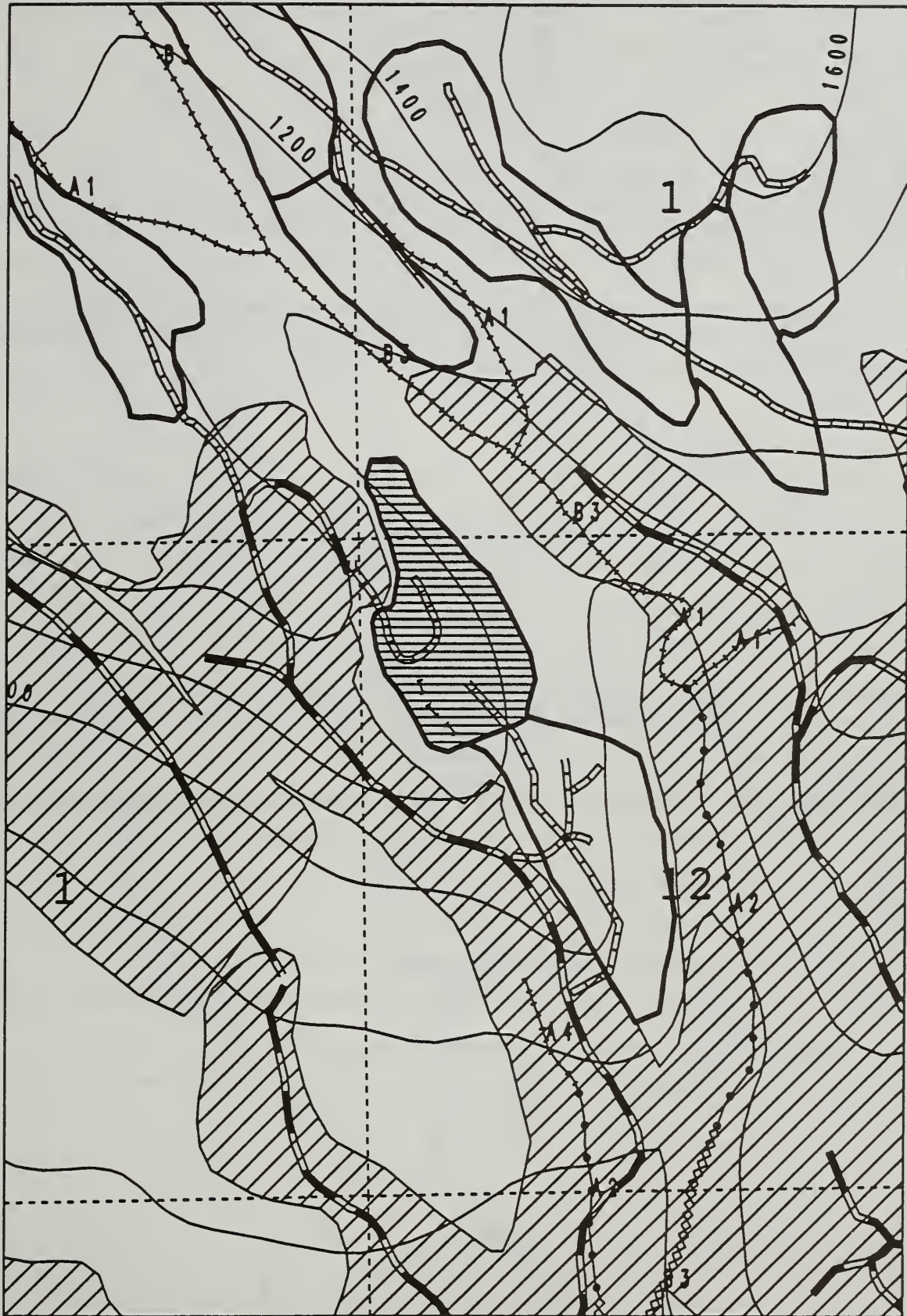
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 579-213



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-213</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>41</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1071</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690038</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 41 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 28 acres Medium 0 acres High 13 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 26 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

Potentially very low volume per acre.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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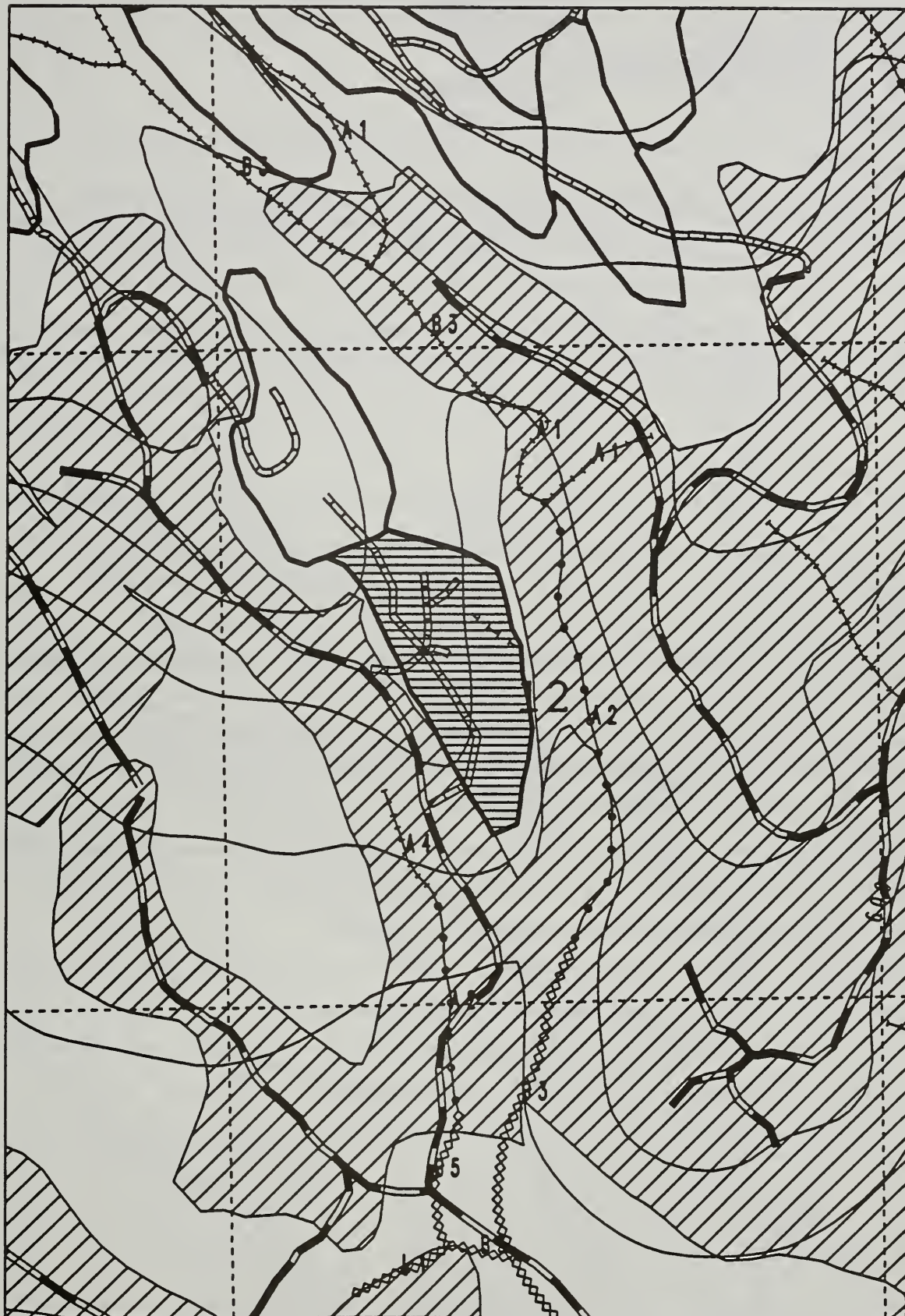
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 579-214



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-214</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>45</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>766</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090082</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 35 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 45 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 15 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potentially very low volume per acre.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

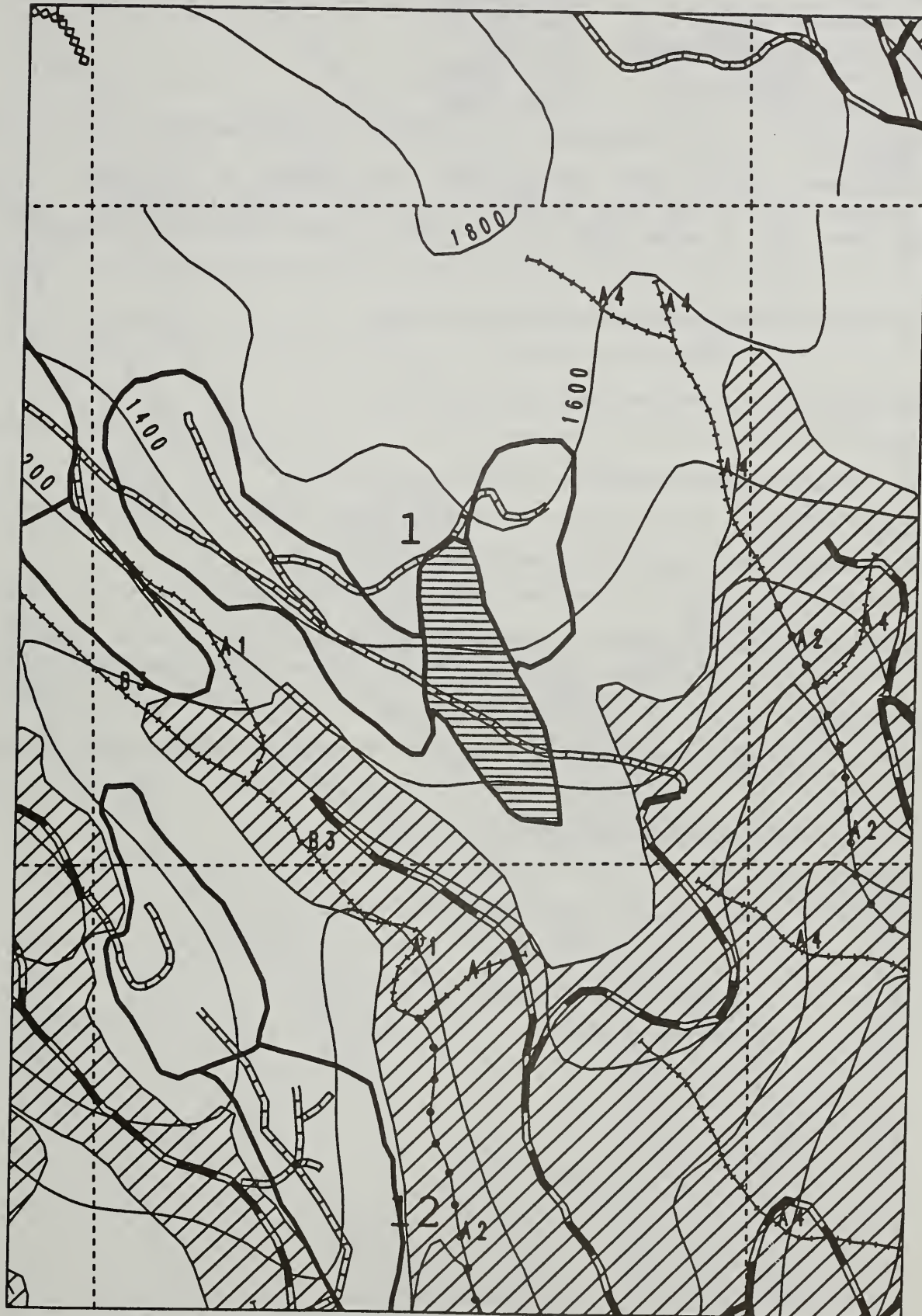
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 579-215



- — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ CLASS 1 STREAM
- — ● CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-215</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>32</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>875</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090082</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 18 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 4 acres 1200-1500 ft. 26 acres over 1500 ft. 2 acres  
Mass movement index: Low 6 acres Medium 25 acres High 1 acres Very High 0 acres

---

SOILS

There are no soils mitigation measures anticipated for this unit.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

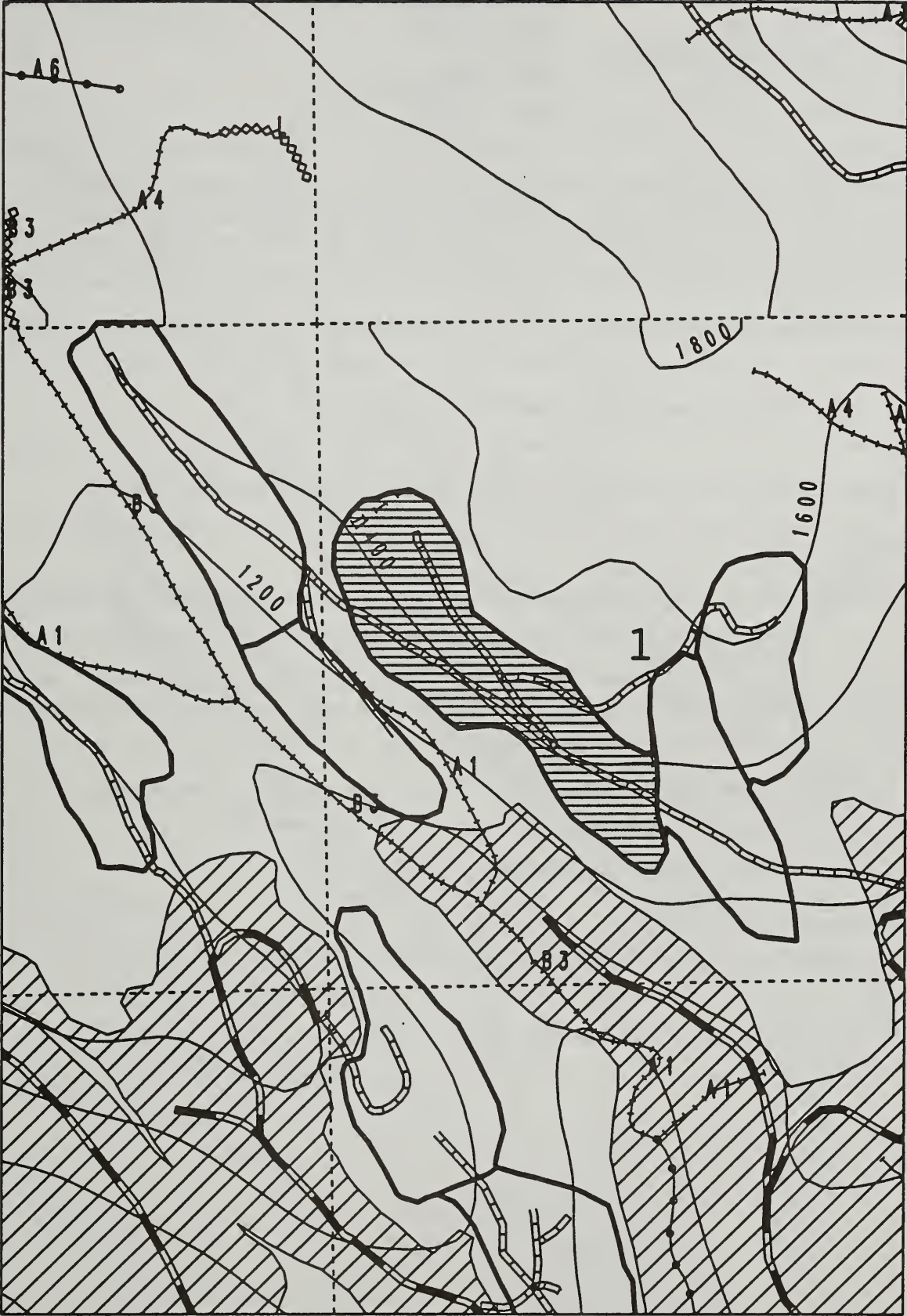
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 579-216



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-216</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>65</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1673</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690039</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 33 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 53 acres over 1500 ft. 12 acres  
Mass movement index: Low 6 acres Medium 16 acres High 43 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

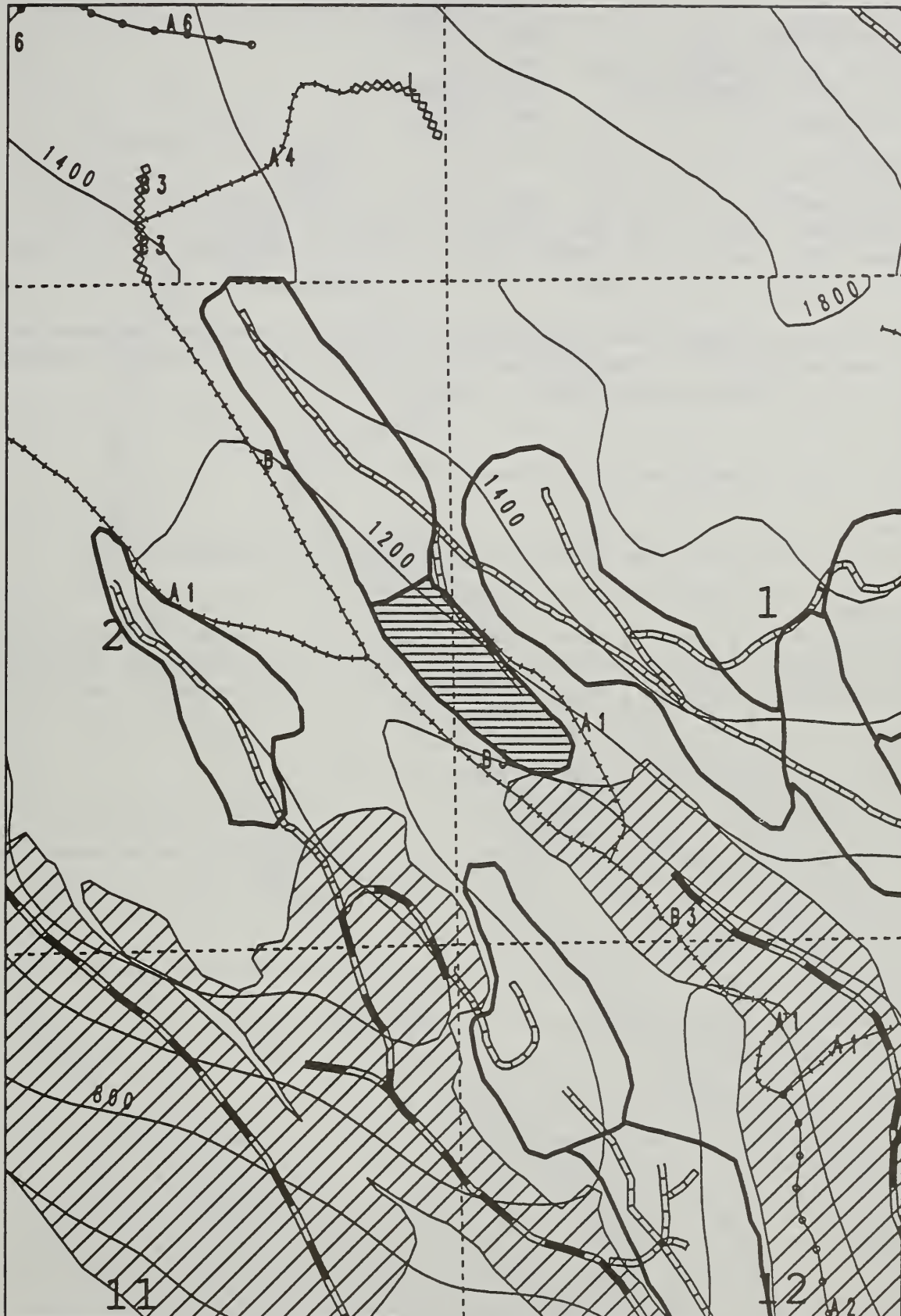
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 579-217



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-217</u>	Alternatives considered <u>2 3</u>
Planned acres <u>24</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>602</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690039</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 7 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 23 acres 1200-1500 ft. 1 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 14 acres High 9 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a B3 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a B3 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

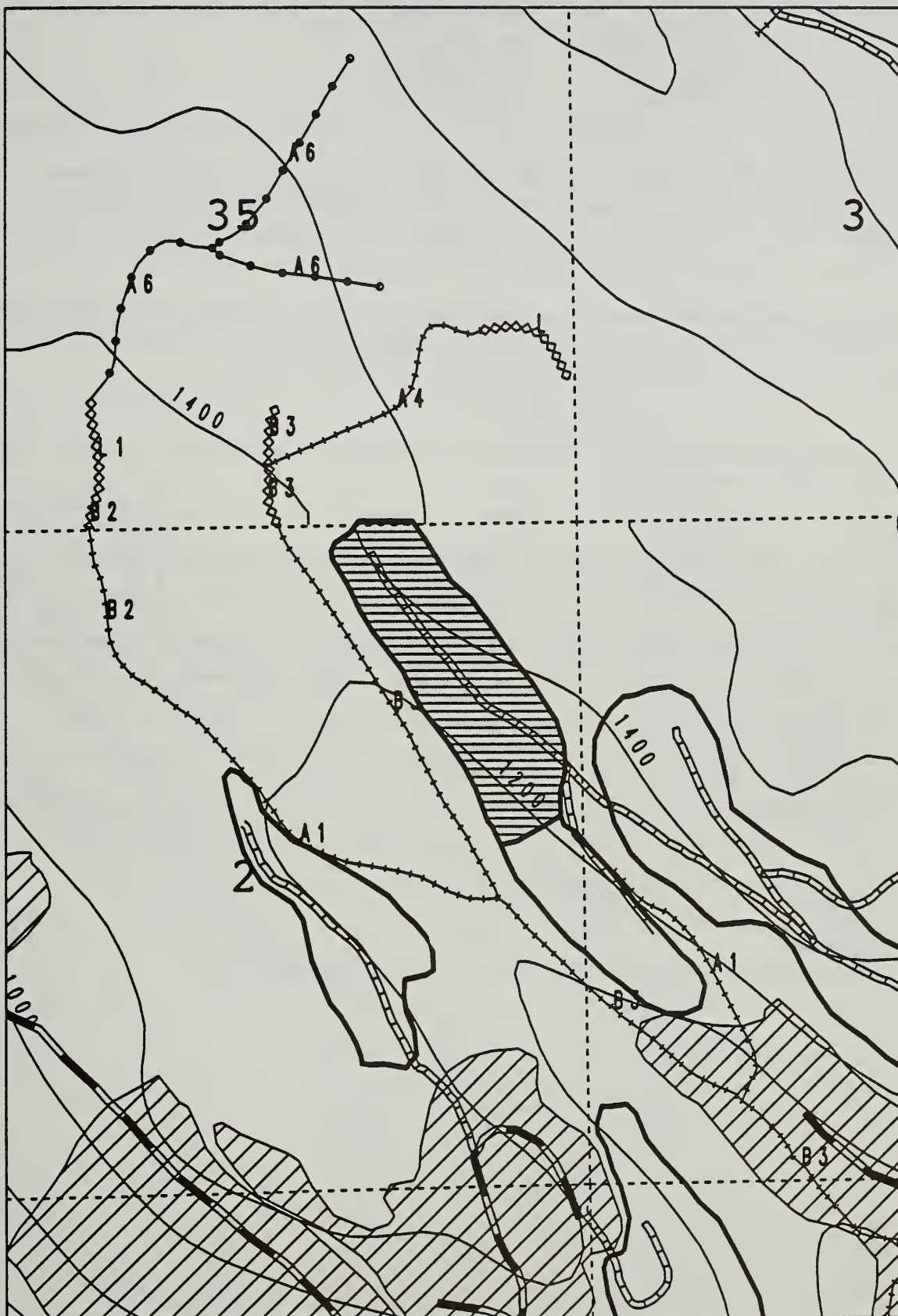
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 579-218



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-218</u>	Alternatives considered <u>2</u>
Planned acres <u>50</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1006</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690039</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 22 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 4 acres 1200-1500 ft. 44 acres over 1500 ft. 1 acres  
Mass movement index: Low 8 acres Medium 19 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.  
Potentially very low volume per acre.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a B3 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

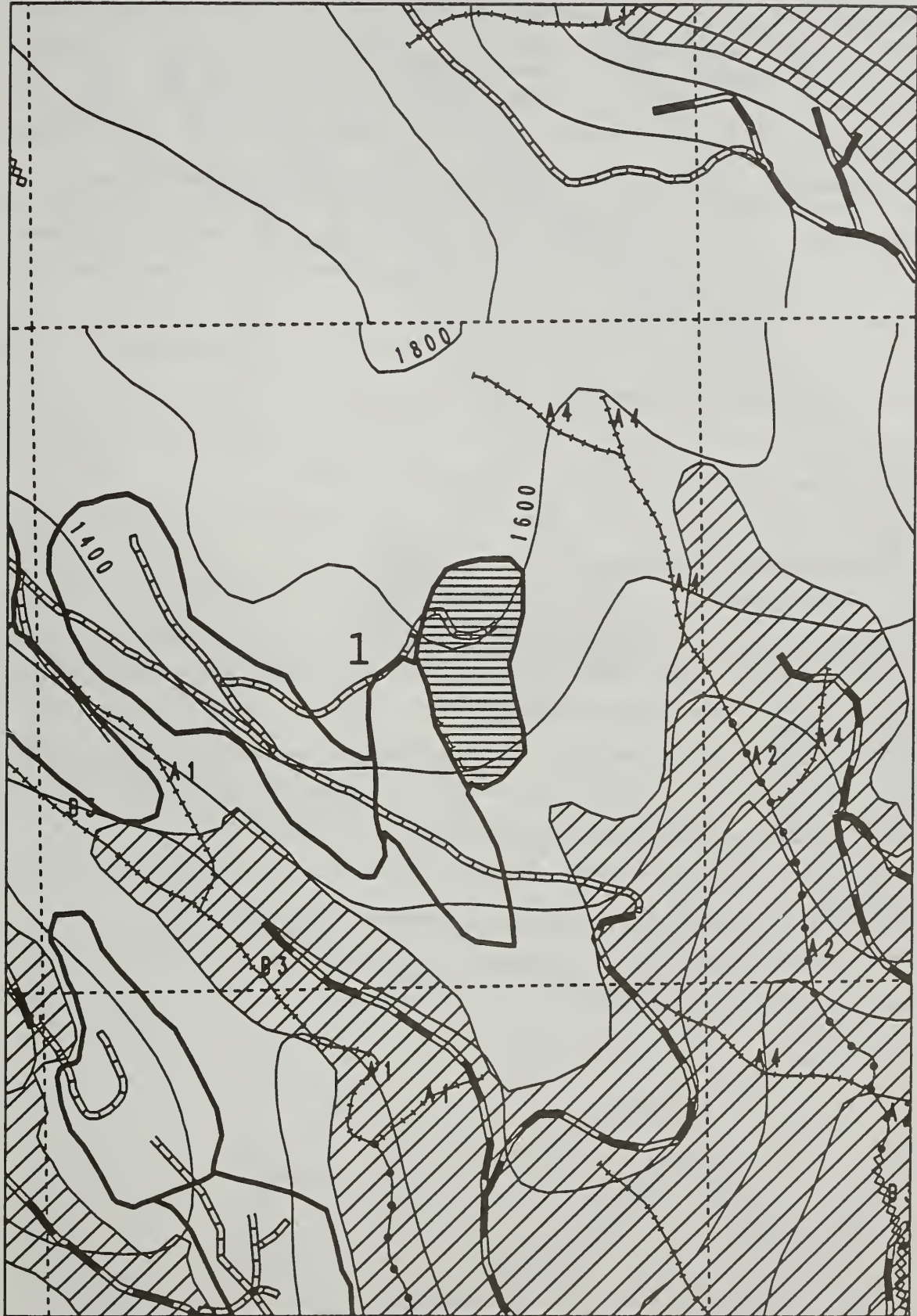
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 579-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-219</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>28</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>624</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090082</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 9 acres over 1500 ft. 19 acres  
Mass movement index: Low 1 acres Medium 27 acres High 0 acres Very High 0 acres

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SOILS

There are no soils mitigation measures anticipated for this unit.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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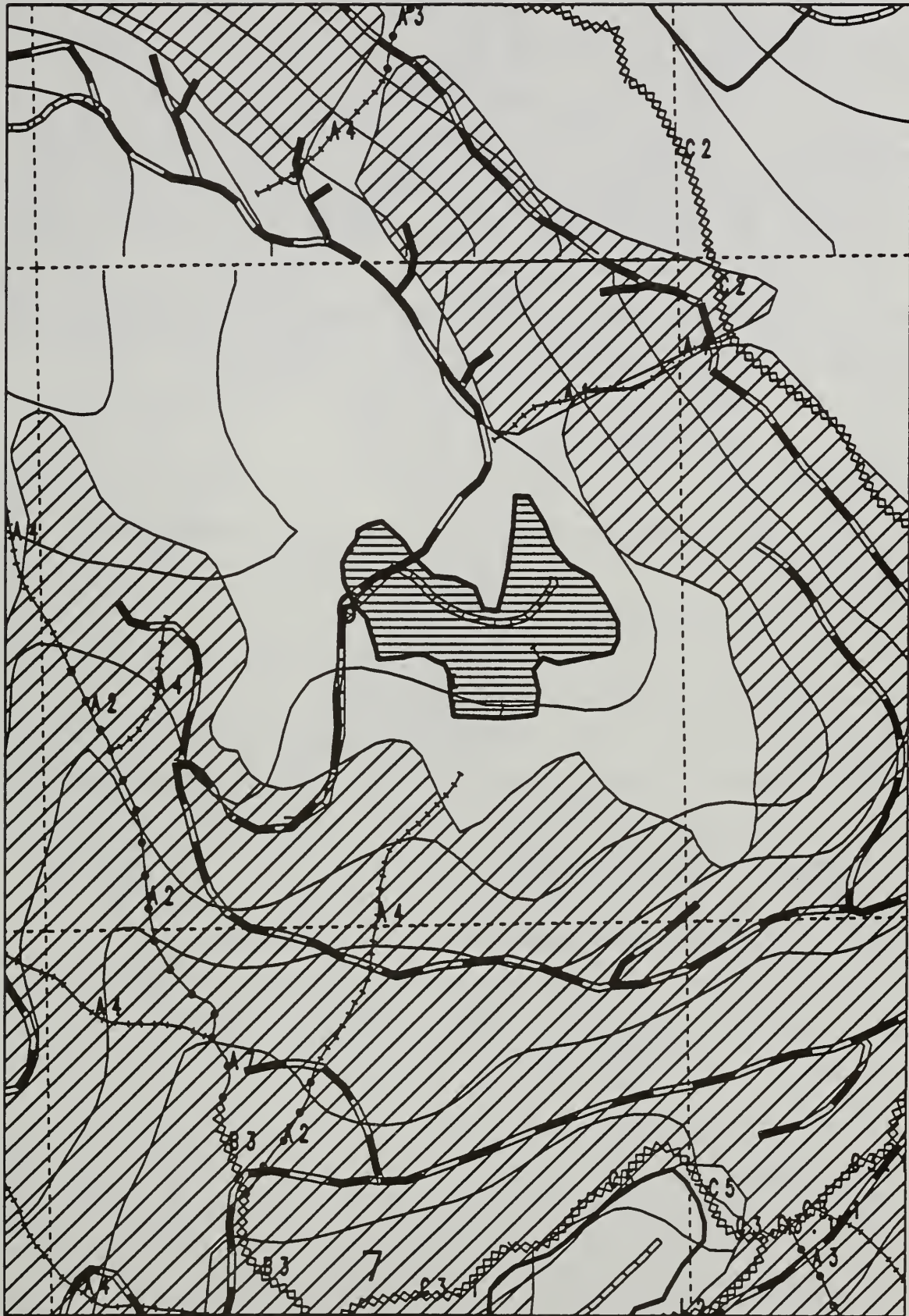
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 579-220



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-220</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>51</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1606</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090082</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 47 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 4 acres 1200-1500 ft. 46 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 32 acres High 10 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 34 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 579-222



- — — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ ○ CLASS 1 STREAM
- ● ● ● ● CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-222</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>37</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>831</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990204</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 10 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 37 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 20 acres High 16 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 579-223



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-223</u>	Alternatives considered <u>4 5</u>
Planned acres <u>41</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>951</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990203</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 18 acres VC6 2 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 41 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 20 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 23 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.

Immediately adjacent to a C5 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a L2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

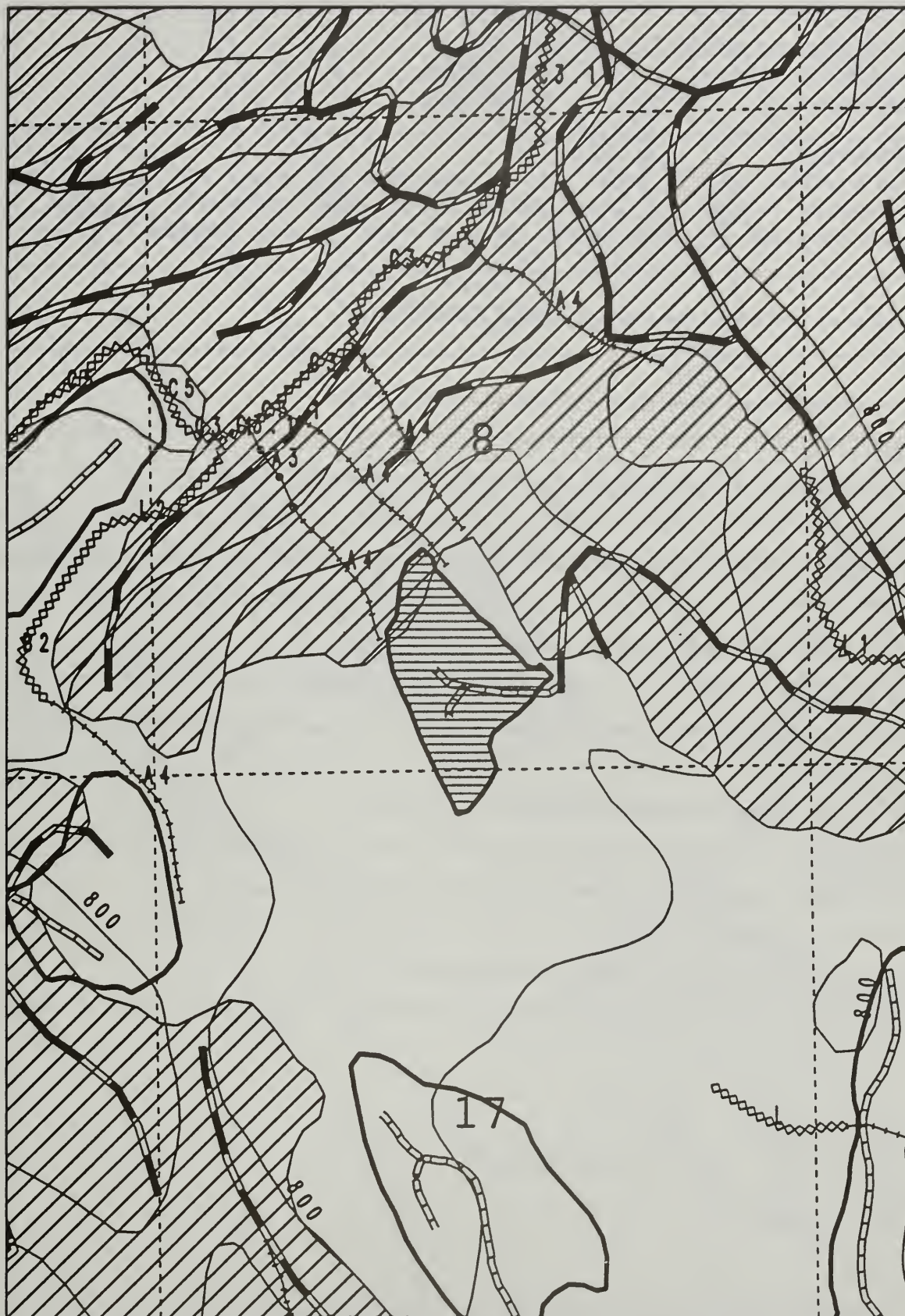
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 579-224



- — — — UNCLASS. STREAM WITHIN UNITS
- ◊◊◊◊◊◊ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- — — — SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>579-224</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>40</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>995</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990204</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 11 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 40 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 16 acres Medium 24 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

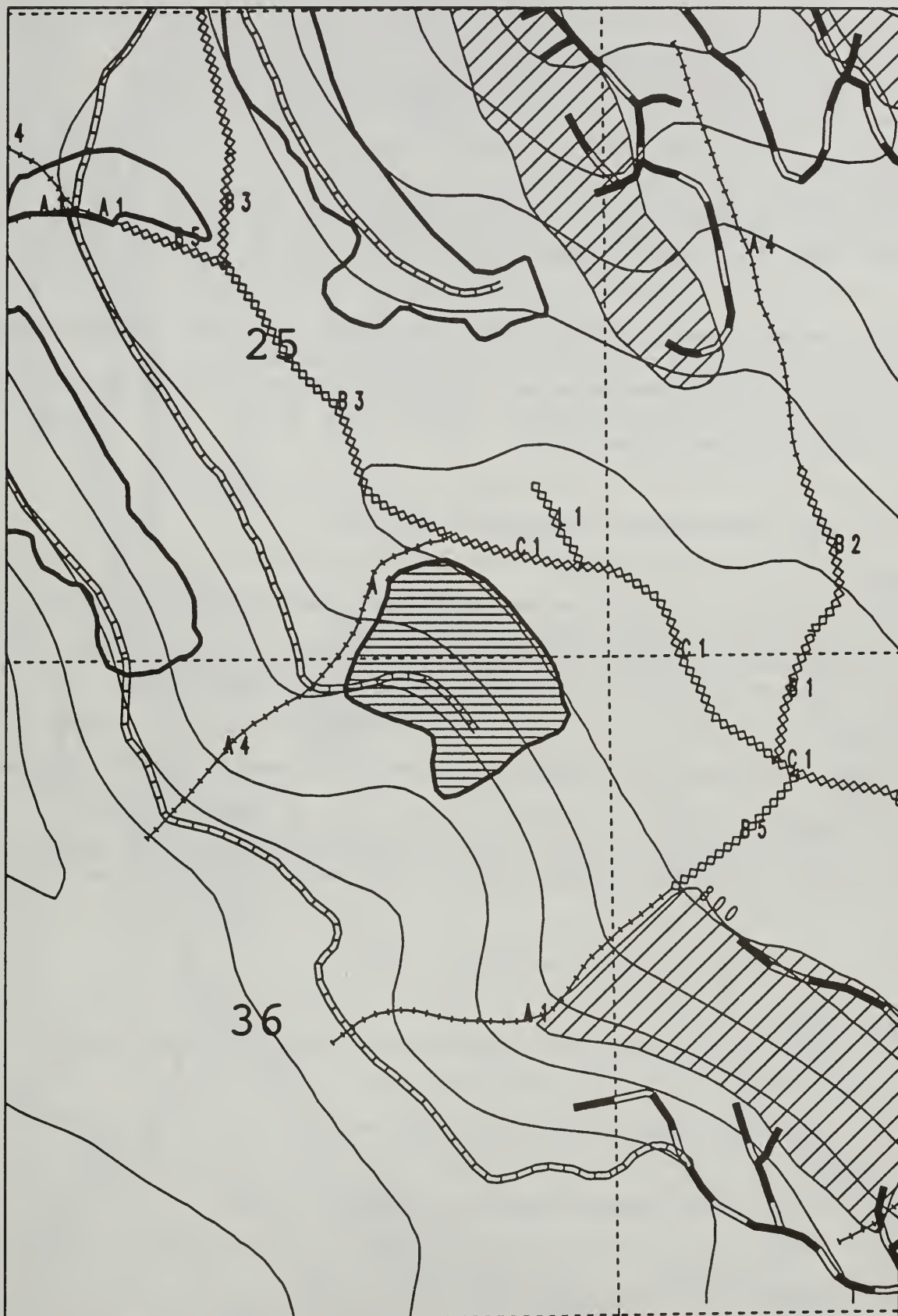
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 579-229



- — — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ CLASS 1 STREAM
- — — — CLASS 2 STREAM
- — — — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 579-229 Alternatives considered 2 4 5  
Planned acres 47 Quad CRGD2SWS  
Estimated volume (mbf) 1697 Mgmt Area K09  
Logging system Small skyline uphill/downhill WAA 1422  
Silvicultural system Clearcut Photo 1090084  
Forest type Mixed conifer Aspect North

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 0 acres VC6 44 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 6 acres 800-1200 ft. 32 acres 1200-1500 ft. 0 acres over 1500 ft. 7 acres  
Mass movement index: Low 5 acres Medium 0 acres High 42 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 7 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

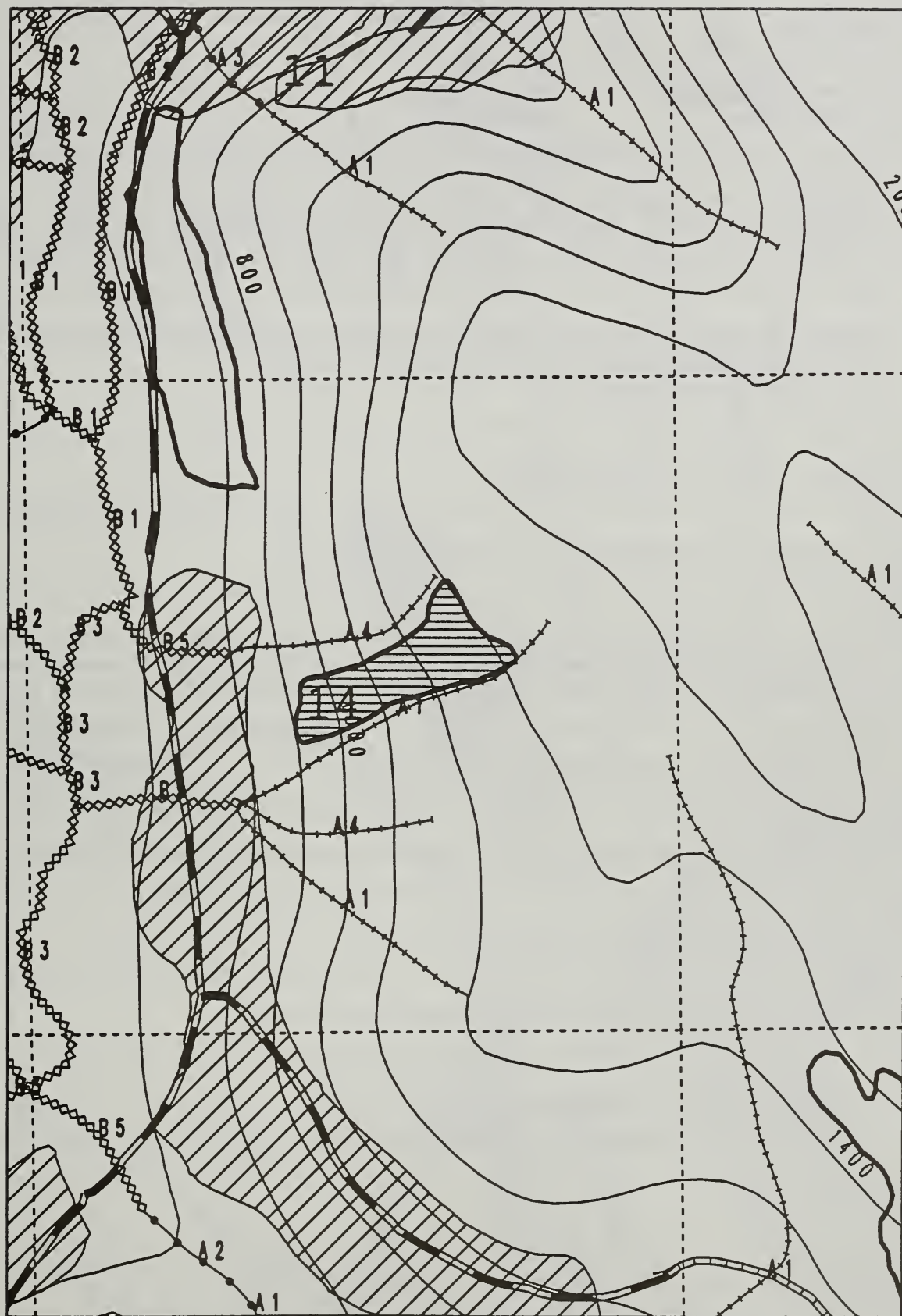
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 580-200



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-200</u>	Alternatives considered <u>2</u>
Planned acres <u>20</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>638</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1319</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>690044</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 0 acres VC6 11 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 6 acres 1200-1500 ft. 7 acres over 1500 ft. 7 acres  
Mass movement index: Low 4 acres Medium 2 acres High 14 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 10 acres of slopes > 75%.

---

TIMBER

Shelterwood harvest. Cedar will not be harvested.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

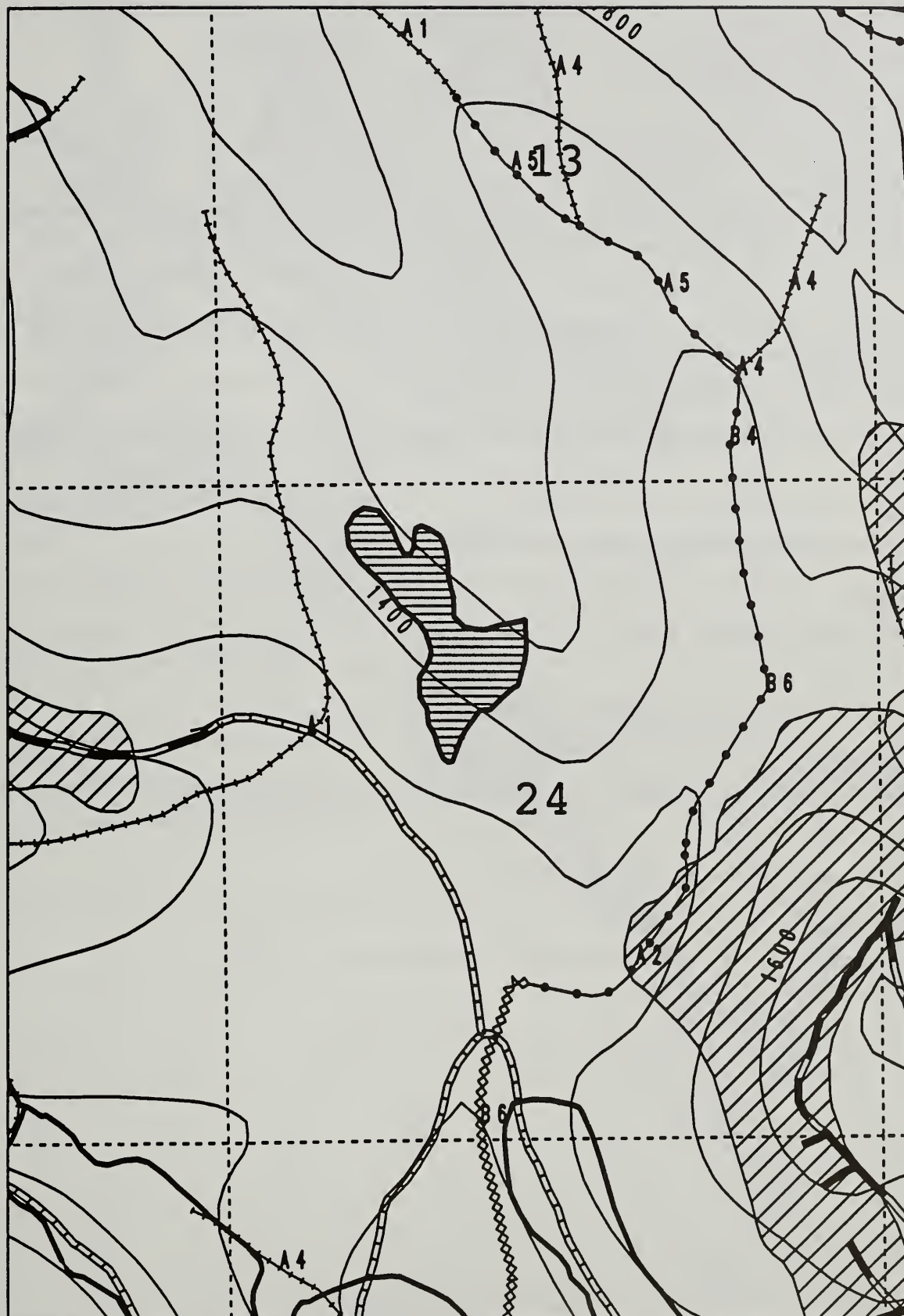
---

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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UNIT 580-201



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH

NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-201</u>	Alternatives considered <u>2 3</u>
Planned acres <u>25</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>482</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090087</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 10 acres over 1500 ft. 15 acres  
Mass movement index: Low 25 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

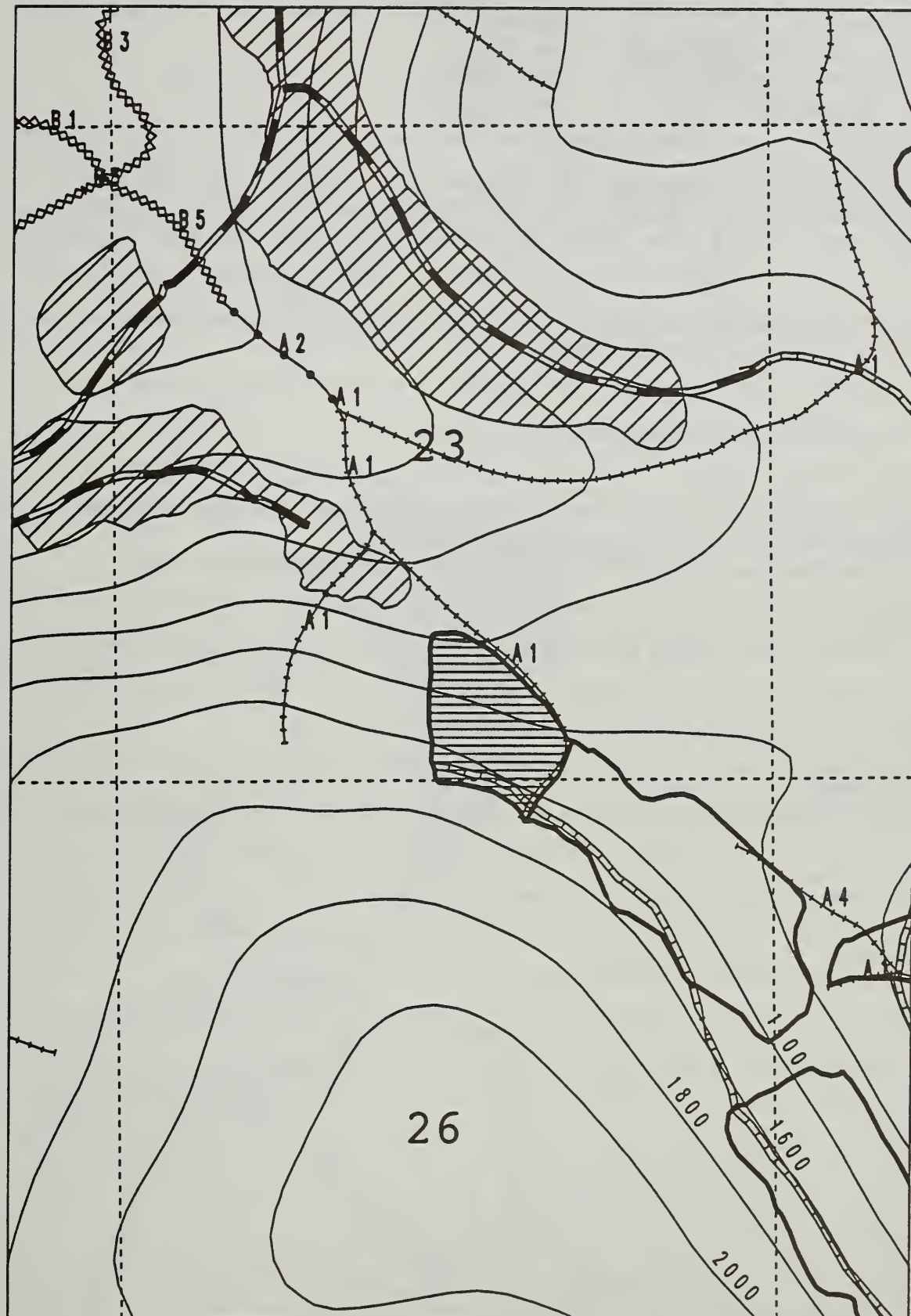
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 580-202



- +—+—+— UNCLASS. STREAM WITHIN UNITS
- x—x—x—x— CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+—+— CLASS 3 STREAM
- +—+—+—+— EXISTING ROADS
- +—+—+—+— ALTERNATIVE ROAD
- +—+—+—+— CONTOUR LINE
- +—+—+—+— SECTION LINE

NORTH



- +—+—+—+— UNIT
- x—x—x—x— EAGLE NEST
- +—+—+—+— PRIOR HARVEST
- +—+—+—+— WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-202</u>	Alternatives considered <u>3</u>
Planned acres <u>25</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>754</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690041</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 6 acres VC5 19 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 10 acres 1200-1500 ft. 15 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 0 acres High 24 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

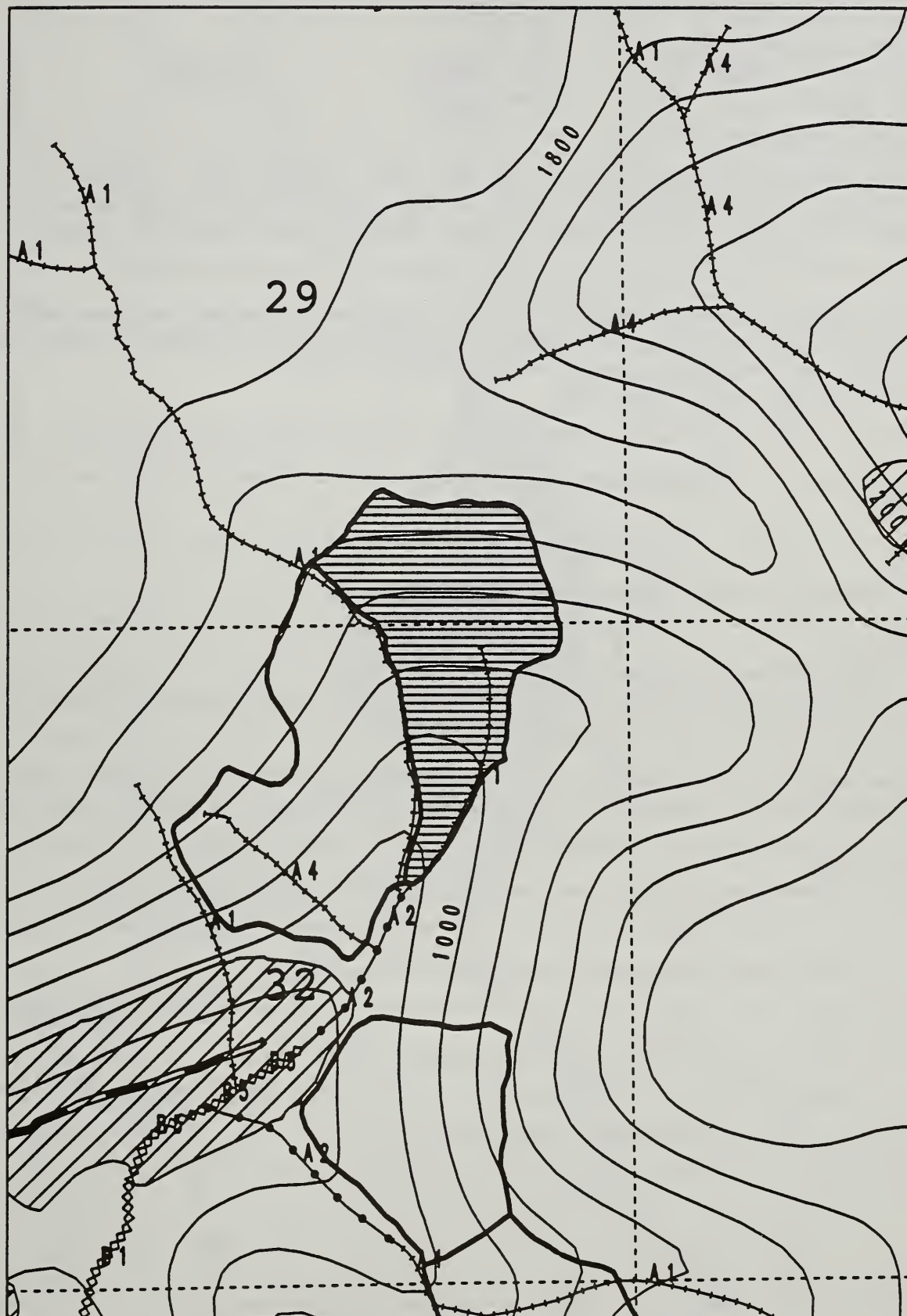
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 580-212



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-212</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>69</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1946</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090013</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 40 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 2 acres 800-1200 ft. 22 acres 1200-1500 ft. 28 acres over 1500 ft. 18 acres  
Mass movement index: Low 1 acres Medium 0 acres High 68 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 68 acres of slopes > 75%.

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

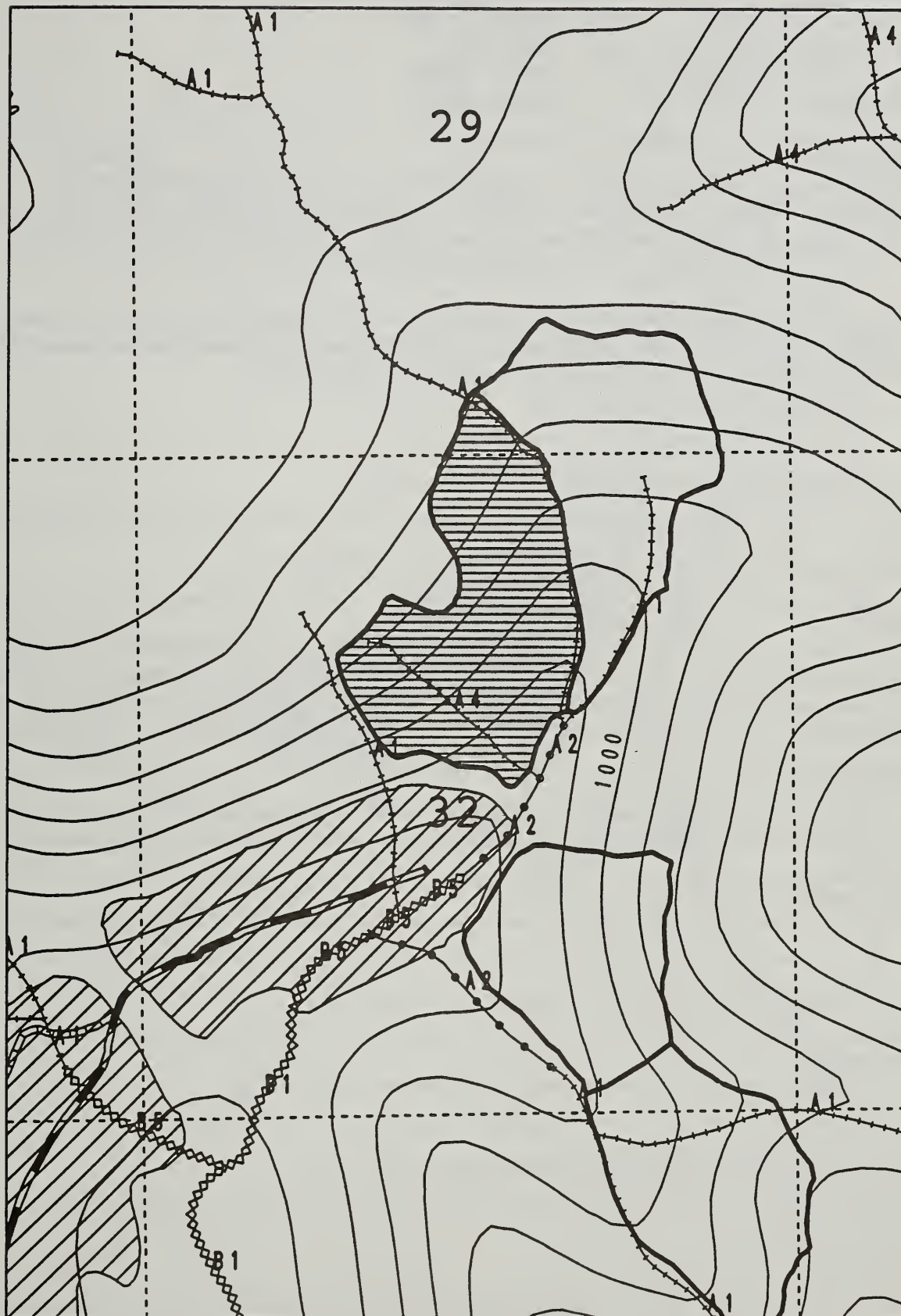
CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 580-213



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-213</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>80</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>2524</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090013</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 71 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 35 acres 1200-1500 ft. 28 acres over 1500 ft. 6 acres  
Mass movement index: Low 4 acres Medium 0 acres High 76 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 41 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

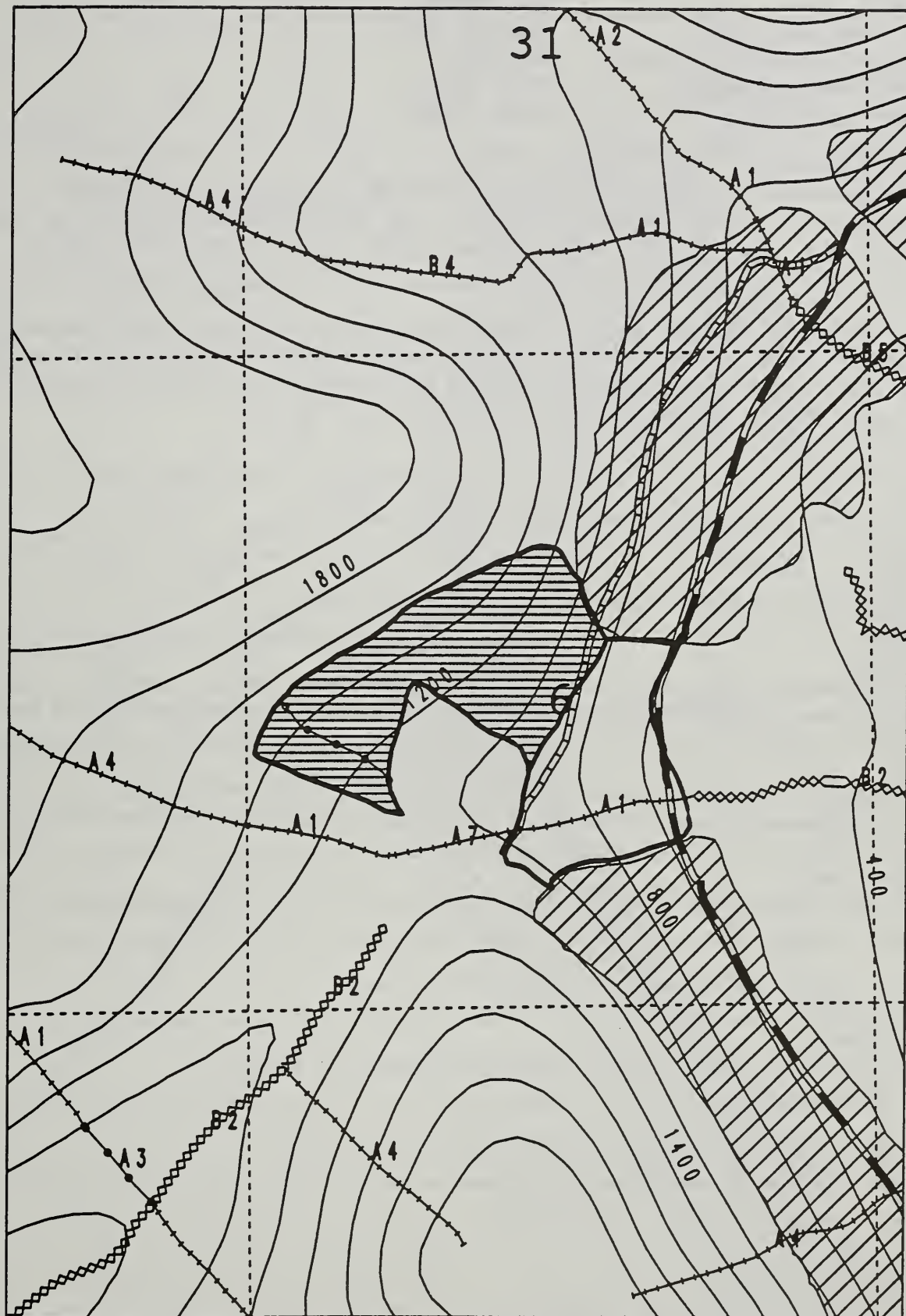
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 580-218



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◊ ◊ ◊ ◊ ◊ CLASS 1 STREAM
- — ● — ● — CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-218</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>67</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1565</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090114</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 55 acres VC5 11 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 27 acres 1200-1500 ft. 35 acres over 1500 ft. 3 acres  
Mass movement index: Low 25 acres Medium 2 acres High 40 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 34 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 26 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains aA2 class 2 stream. Allow no harvest within 100 feet and full suspension, if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds, proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

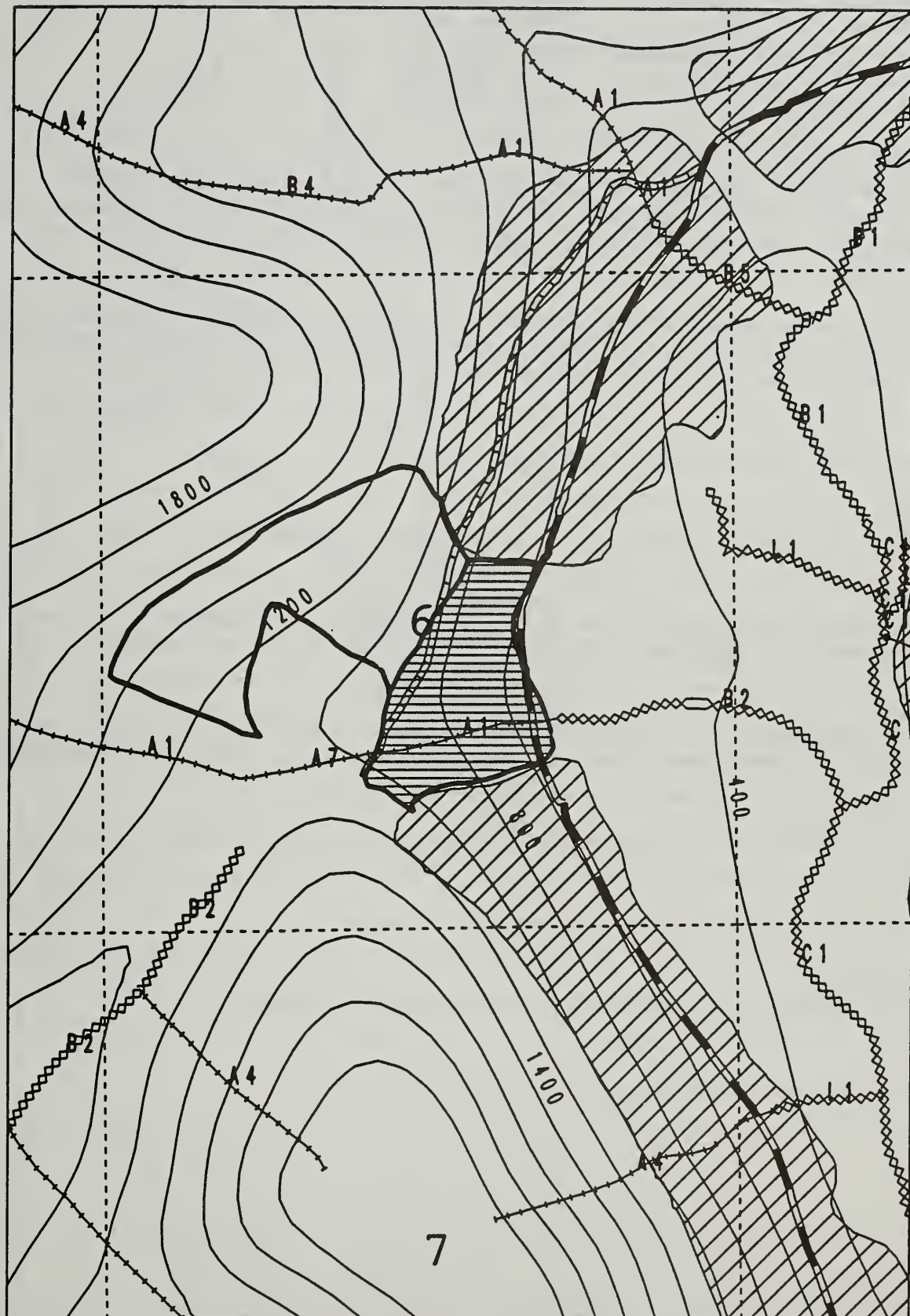
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 580-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-219</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>41</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1148</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u> WAA <u>1319</u>	
Silvicultural system <u>Clearcut</u>	Photo <u>1090114</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 18 acres VC5 23 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 24 acres 800-1200 ft. 17 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 26 acres High 6 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 34 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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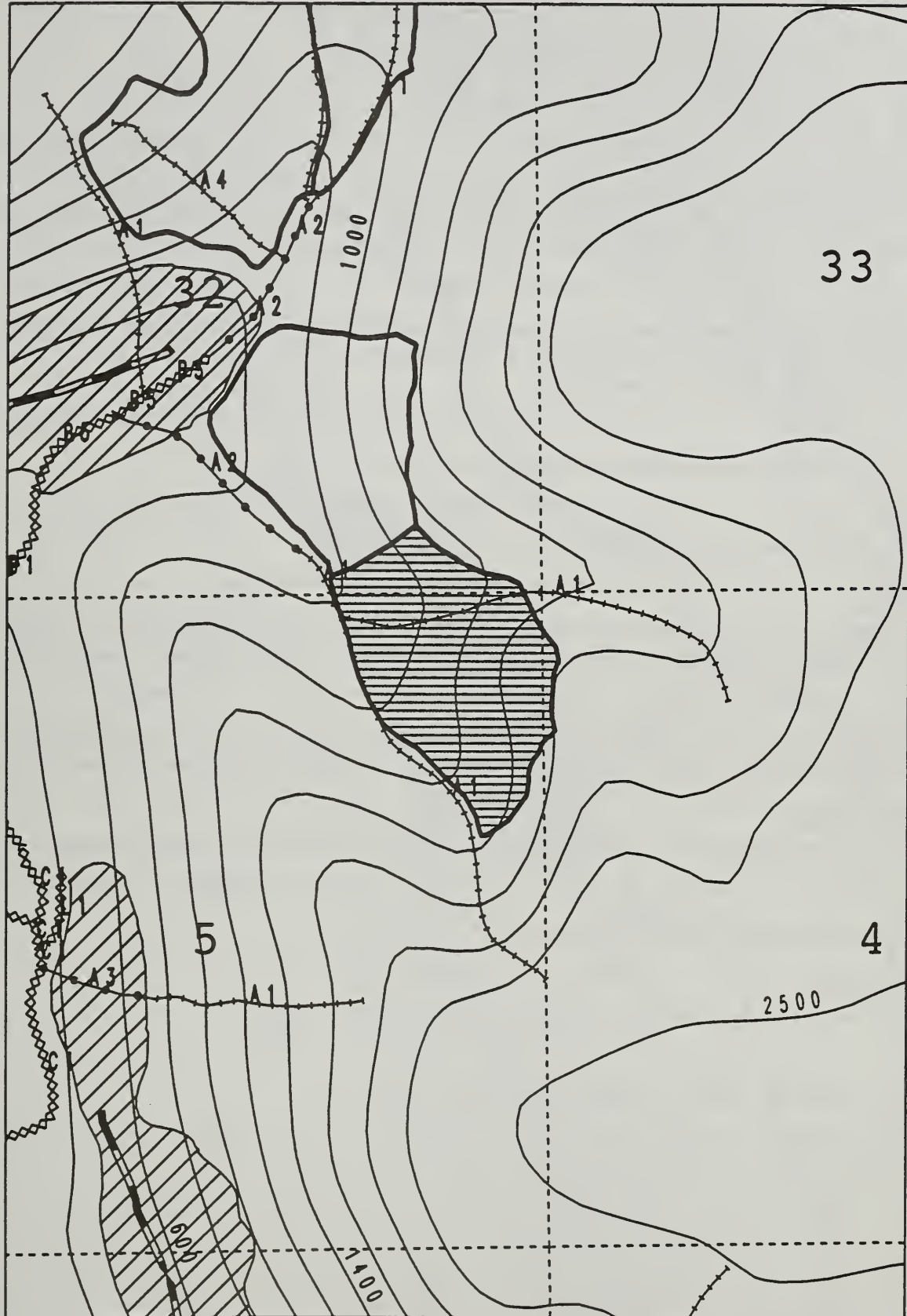
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 580-221



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-221</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>61</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1929</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090015</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 51 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 1 acres 800-1200 ft. 34 acres 1200-1500 ft. 22 acres over 1500 ft. 4 acres  
Mass movement index: Low 1 acres Medium 0 acres High 60 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 16 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

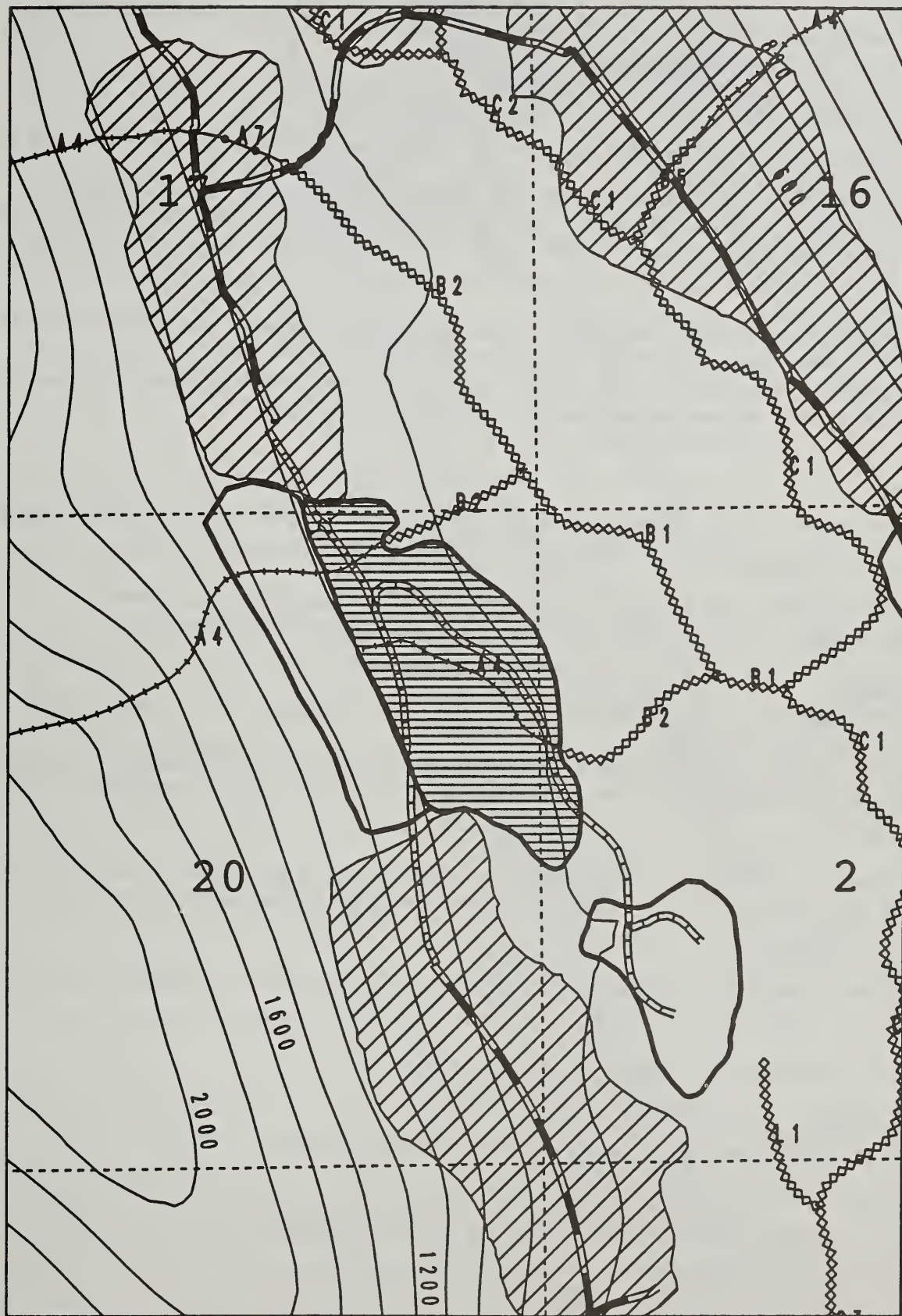
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 580-227



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 580-227 Alternatives considered 3 4 5  
Planned acres 78 Quad CRGD3SES  
Estimated volume (mbf) 2651 Mgmt Area K09  
Logging system Small skyline uphill/downhill WAA 1319  
Silvicultural system Clearcut Photo \_\_\_\_\_  
Forest type Mixed conifer Aspect East

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 53 acres VC6 24 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 78 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 54 acres High 19 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 59 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 21 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

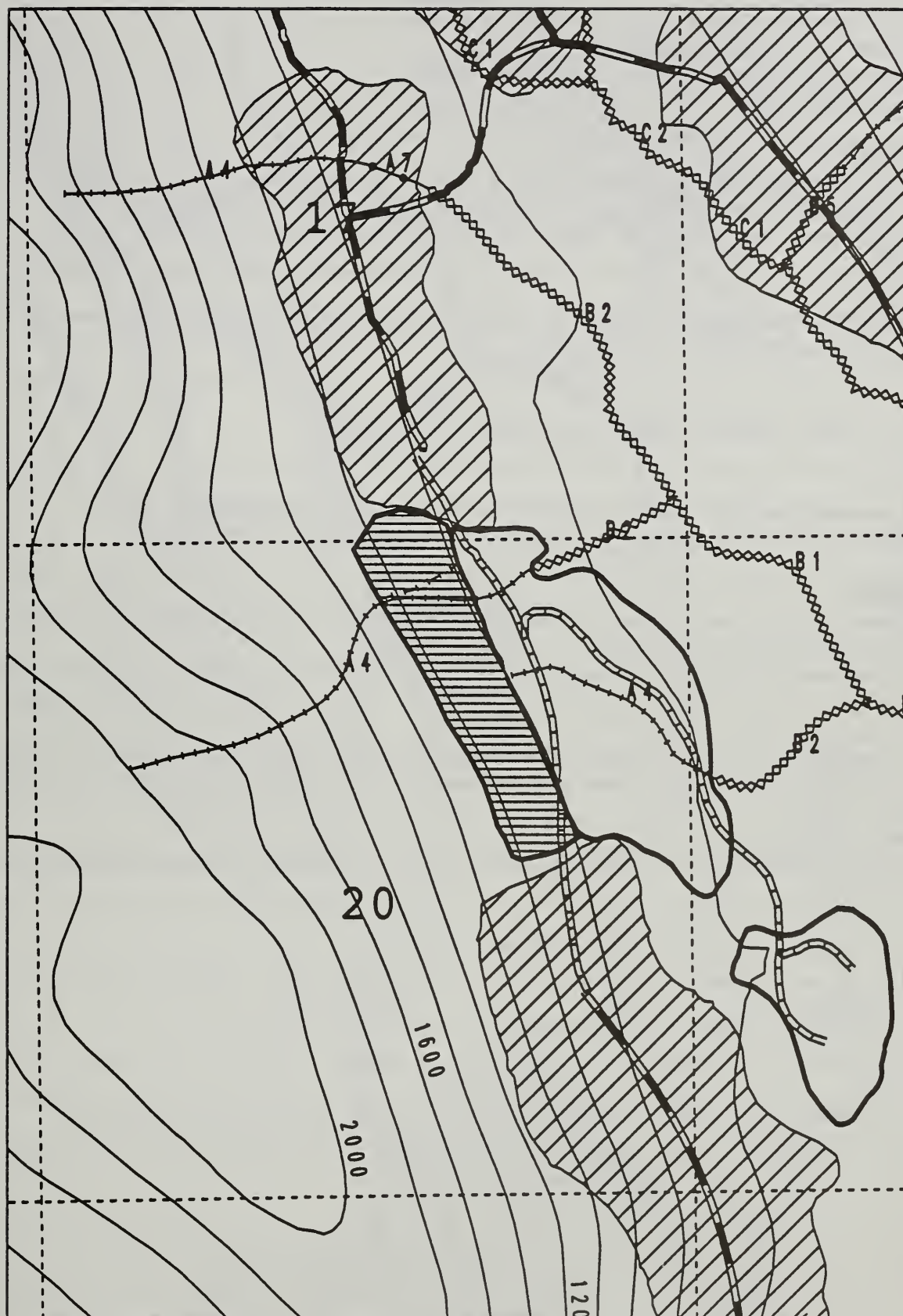
This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

UNIT 580-227

B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 580-227 Alternatives considered 3 4 5  
Planned acres 78 Quad CRGD3SES  
Estimated volume (mbf) 2651 Mgmt Area K09  
Logging system Small skyline uphill/downhill WAA 1319  
Silvicultural system Clearcut Photo \_\_\_\_\_  
Forest type Mixed conifer Aspect East

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 53 acres VC6 24 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 78 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 54 acres High 19 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 59 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 21 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

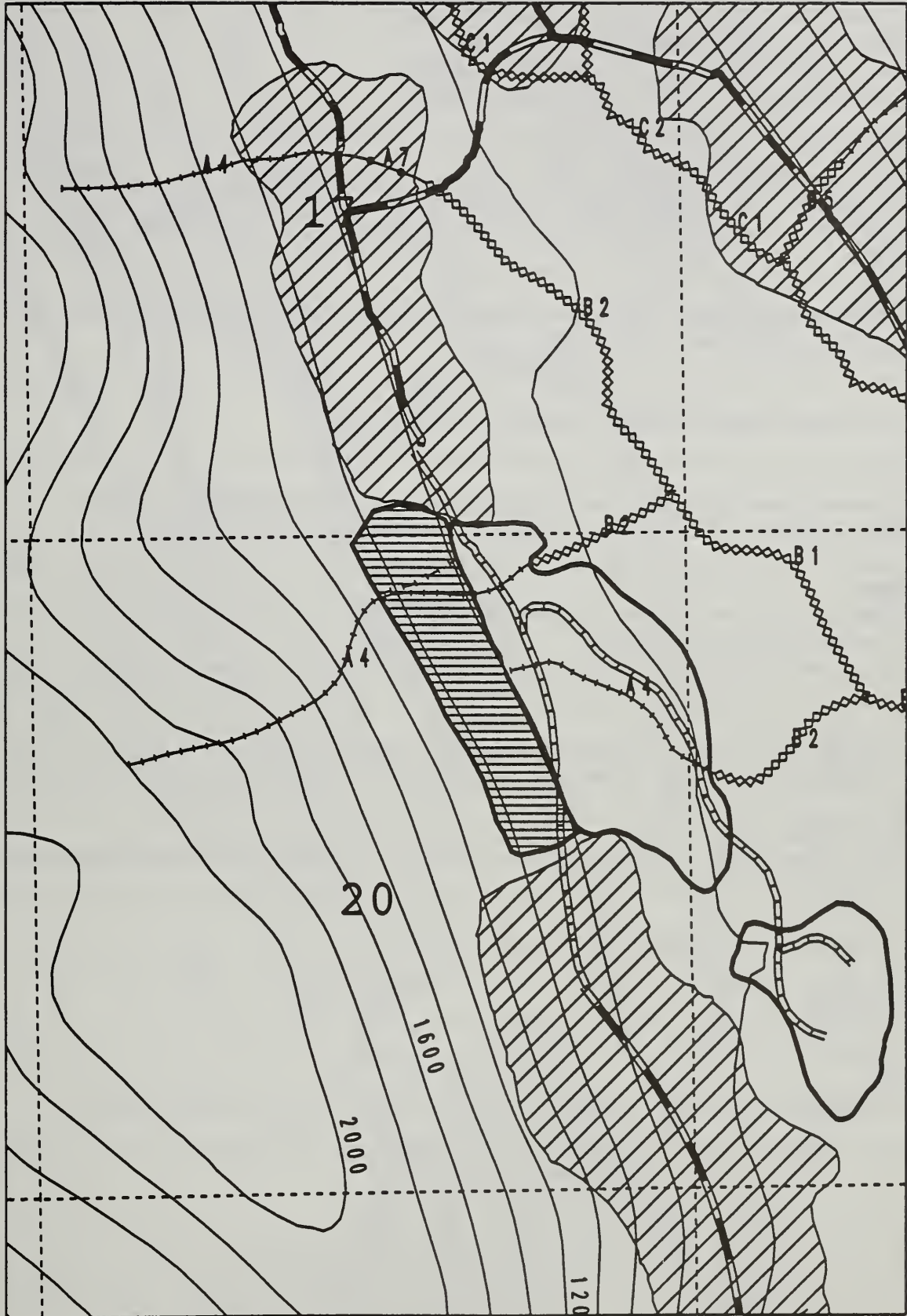
This unit has a high potential to contain significant cultural resources.

GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.

SCALE 1:15840

# UNIT 580-227 B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-227 B</u>	Alternatives considered <u>3 4</u>
Planned acres <u>41</u>	Quad <u>CRGD3SES</u>
Estimated volume (mbf) <u>1560</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090018</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 41 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 6 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 0 acres High 41 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 30 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

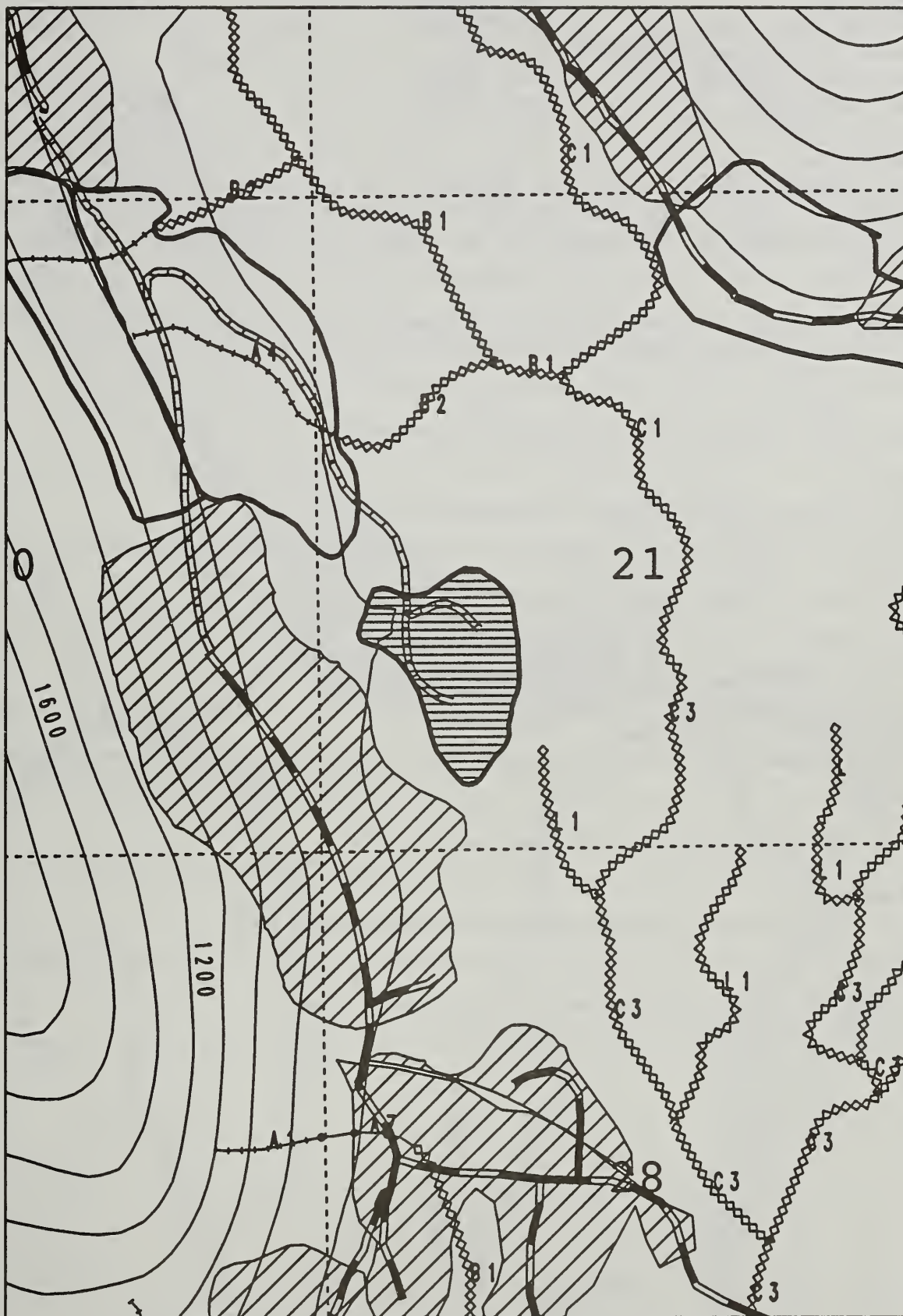
GEOLOGY

This unit is underlain with karst formation and has potential for significant cave resources.



SCALE 1:15840

# UNIT 580-230



- — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ CLASS 1 STREAM
- — — CLASS 2 STREAM
- — — CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-230</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>31</u>	Quad <u>CRGD3SES</u>
Estimated volume (mbf) <u>831</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1319</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990172</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 21 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 30 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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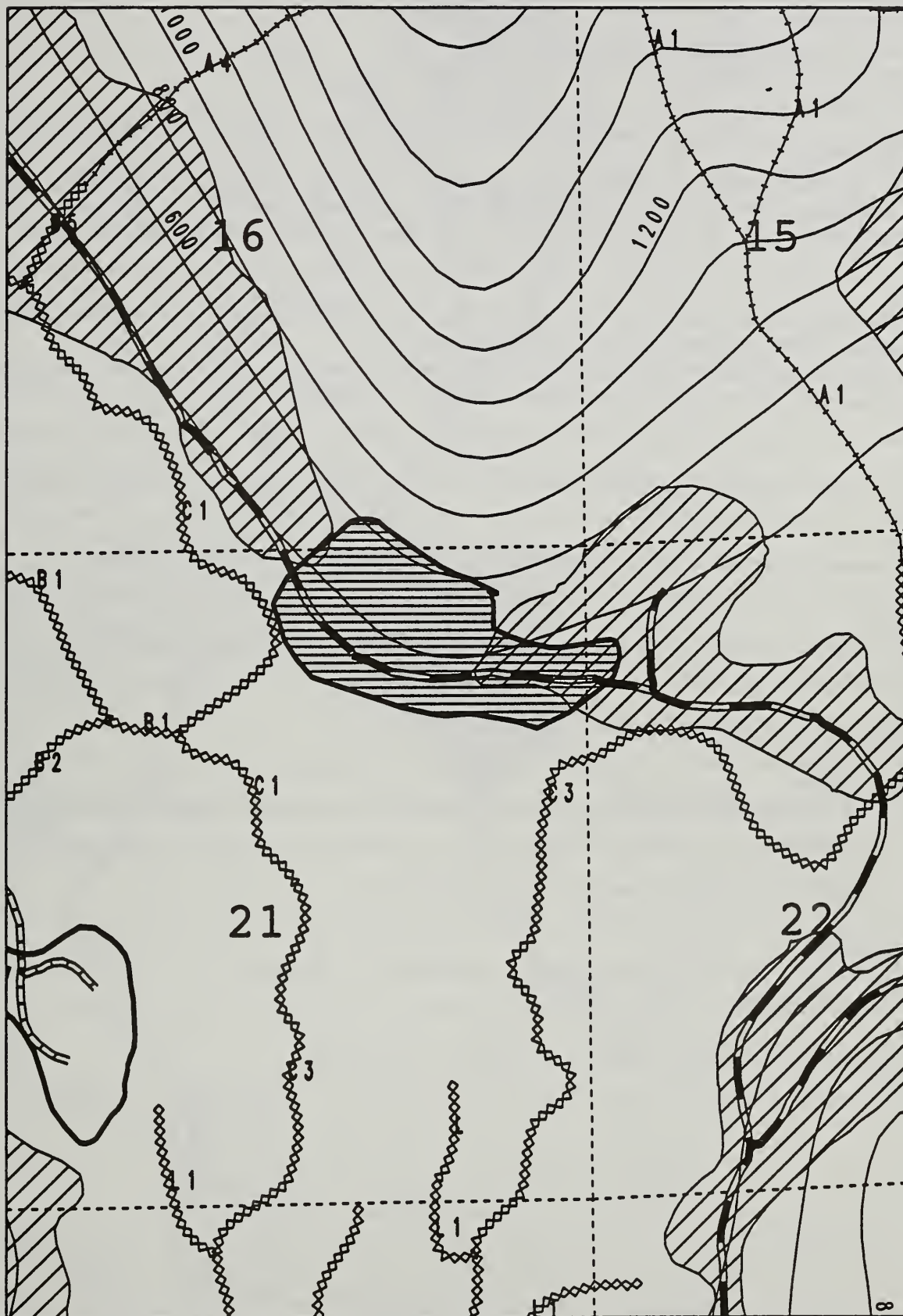
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 580-235



- - - - - UNCLASS. STREAM WITHIN UNITS  
 ○○○○○○ CLASS 1 STREAM  
 ●-●-●- CLASS 2 STREAM  
 - - - - - CLASS 3 STREAM  
 ———— EXISTING ROADS  
 - - - - - ALTERNATIVE ROAD  
 ———— CONTOUR LINE  
 - - - - - SECTION LINE



[Hatched Box] UNIT  
 [Cross-hatched Box] EAGLE NEST  
 [Diagonal Hatched Box] PRIOR HARVEST  
 [Vertical Hatched Box] WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-235</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>58</u>	Quad <u>CRGD3SES</u>
Estimated volume (mbf) <u>1718</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990173</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 2 acres VC5 29 acres VC6 19 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 58 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 36 acres High 7 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 46 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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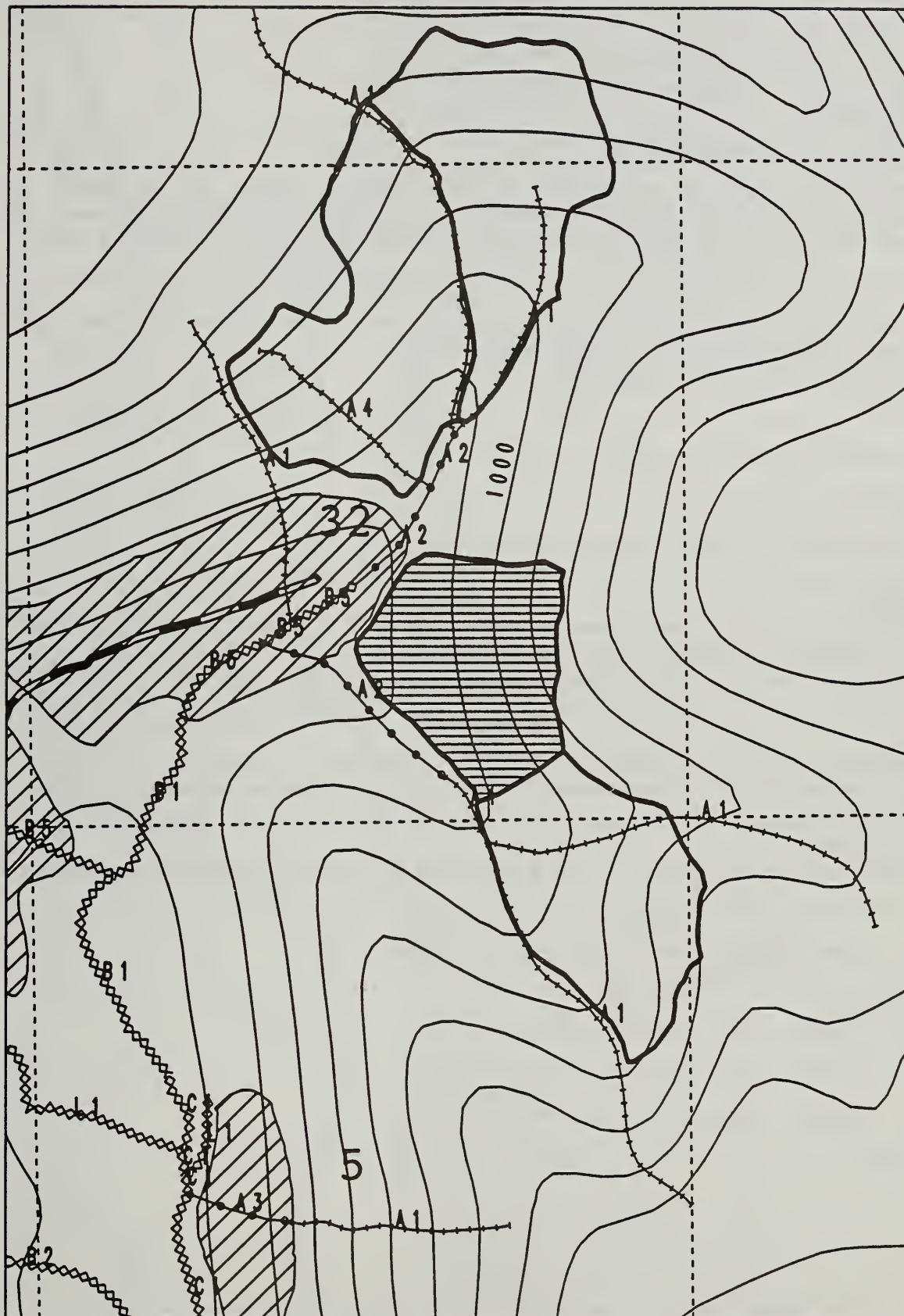
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 580-239



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-239</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>53</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1737</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090115</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 53 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 21 acres 800-1200 ft. 25 acres 1200-1500 ft. 0 acres over 1500 ft. 6 acres  
Mass movement index: Low 3 acres Medium 0 acres High 50 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 2 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

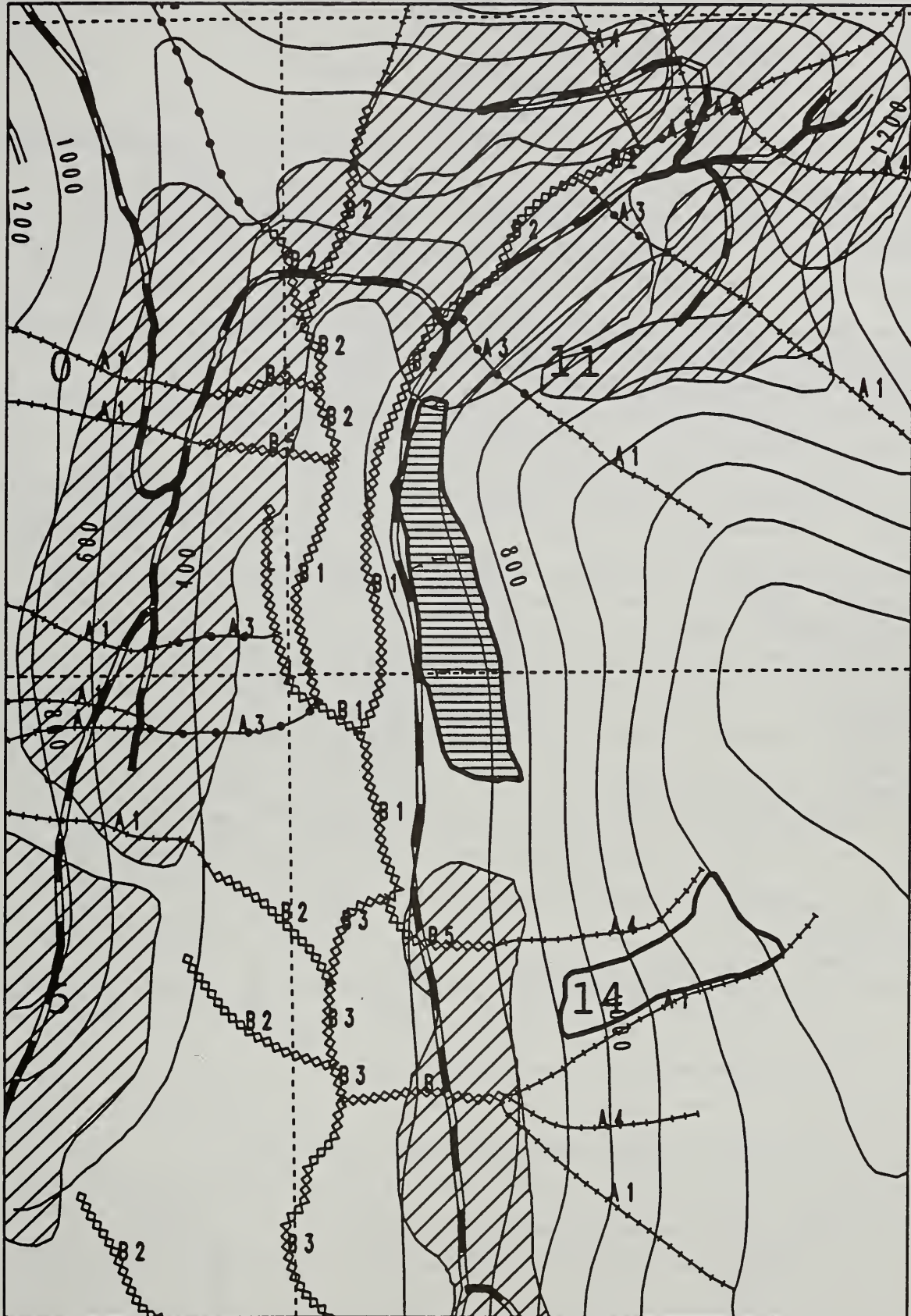
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 580-242



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- == ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>580-242</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>33</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1346</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690044</u>
Forest type <u>Spruce</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 10 acres VC7 19 acres  
Elevation breakdown: 0-800 ft. 33 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 1 acres High 7 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 7 acres of slopes > 75%.  
This unit contains 23 acres of riparian soils. Maintain water quality and fish habitat (BMPs12.6, 13.9).

---

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP14.13).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

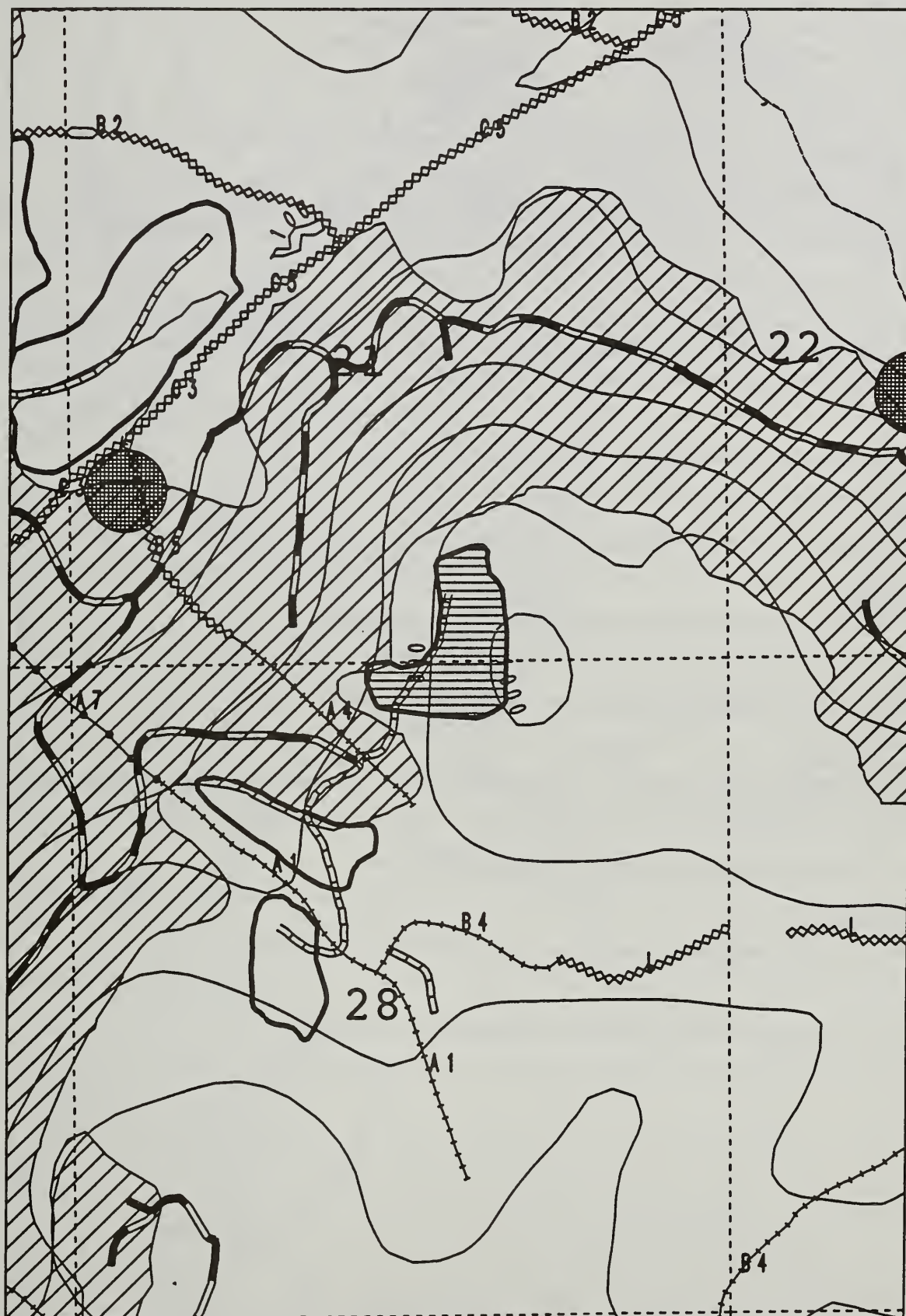
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 581-200



- |         |                              |
|---------|------------------------------|
| —+—+—+— | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○  | CLASS 1 STREAM               |
| ●—●—●—● | CLASS 2 STREAM               |
| —+—+—+— | CLASS 3 STREAM               |
| —+—+—+— | EXISTING ROADS               |
| —+—+—+— | ALTERNATIVE ROAD             |
| —+—+—+— | CONTOUR LINE                 |
| —+—+—+— | SECTION LINE                 |



- |         |               |
|---------|---------------|
| —+—+—+— | UNIT          |
| ●—●—●—● | EAGLE NEST    |
| —+—+—+— | PRIOR HARVEST |
| —+—+—+— | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-200</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>21</u>	Quad <u>CRGD3NEN</u>
Estimated volume (mbf) <u>656</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090005</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 20 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 4 acres 800-1200 ft. 17 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 0 acres High 18 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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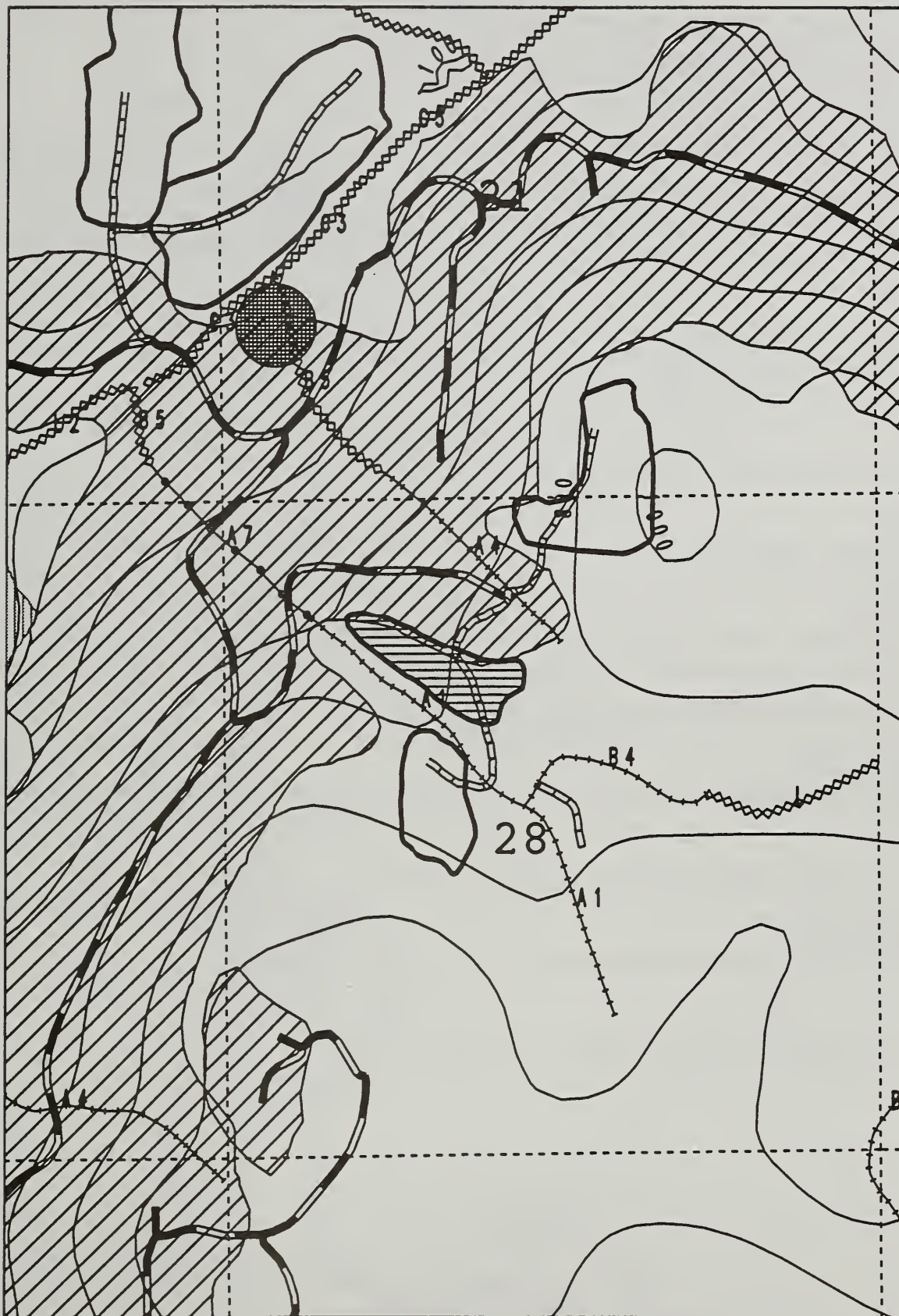
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 581-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-201</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>13</u>	Quad <u>CRGD3NEN</u>
Estimated volume (mbf) <u>426</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090005</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 13 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 13 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 0 acres High 7 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

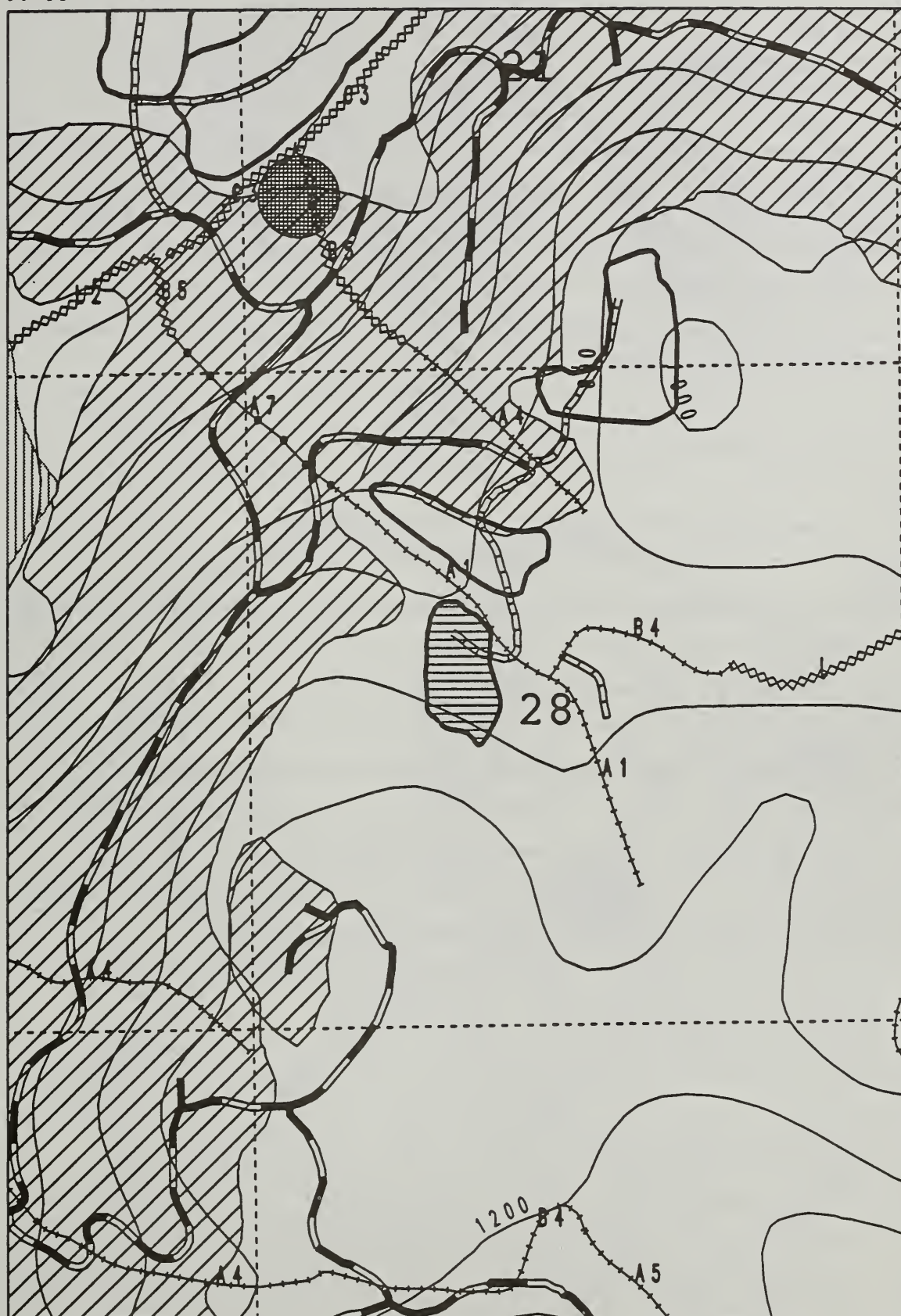
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 581-202



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-202</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>12</u>	Quad <u>CRGD3NEN</u>
Estimated volume (mbf) <u>262</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090005</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 6 acres VC5 4 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 1 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 2 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 1 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

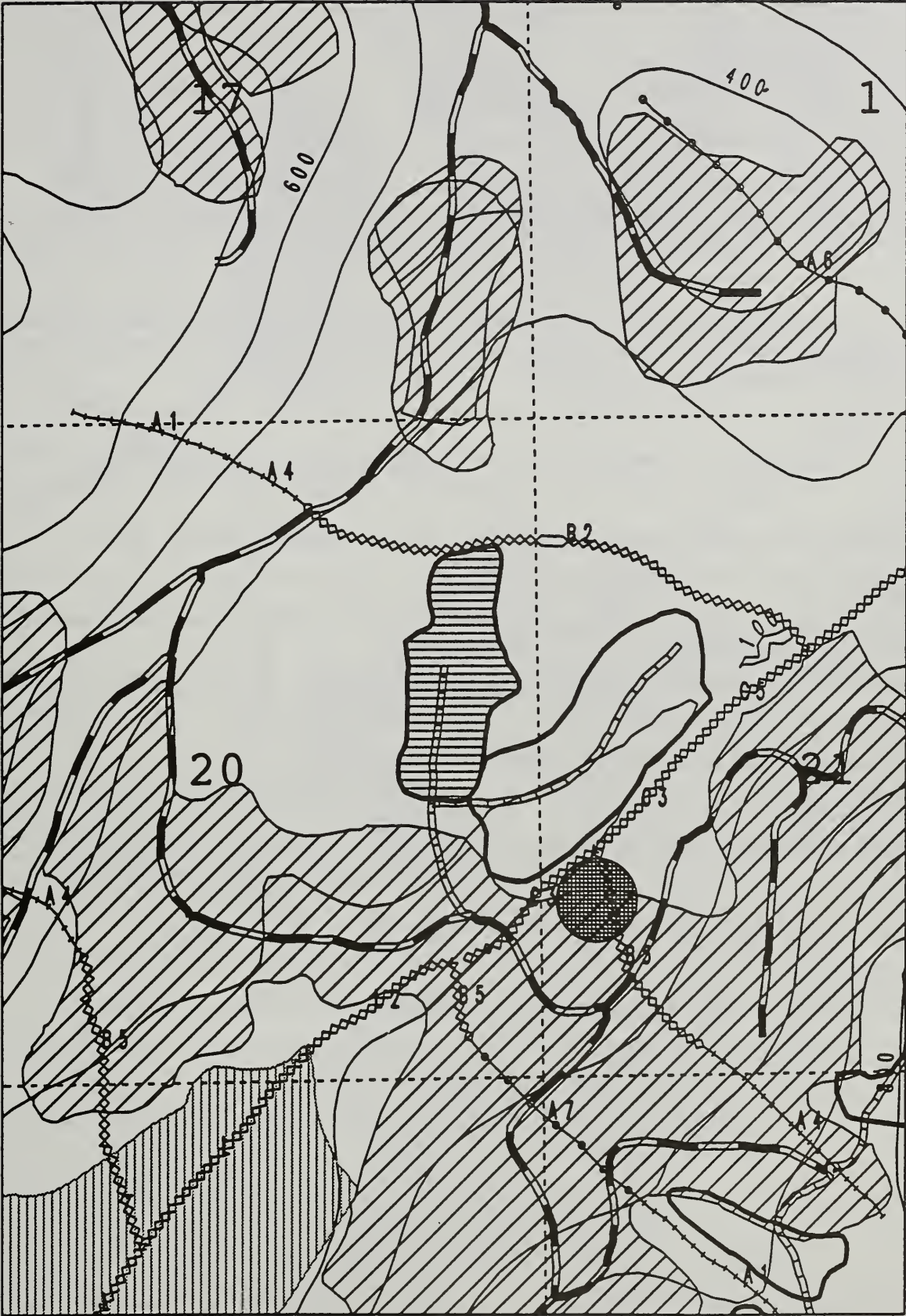
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 581-204



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-204</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>30</u>	Quad <u>CRGD3NEN</u>
Estimated volume (mbf) <u>951</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 29 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 30 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 22 acres Medium 0 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

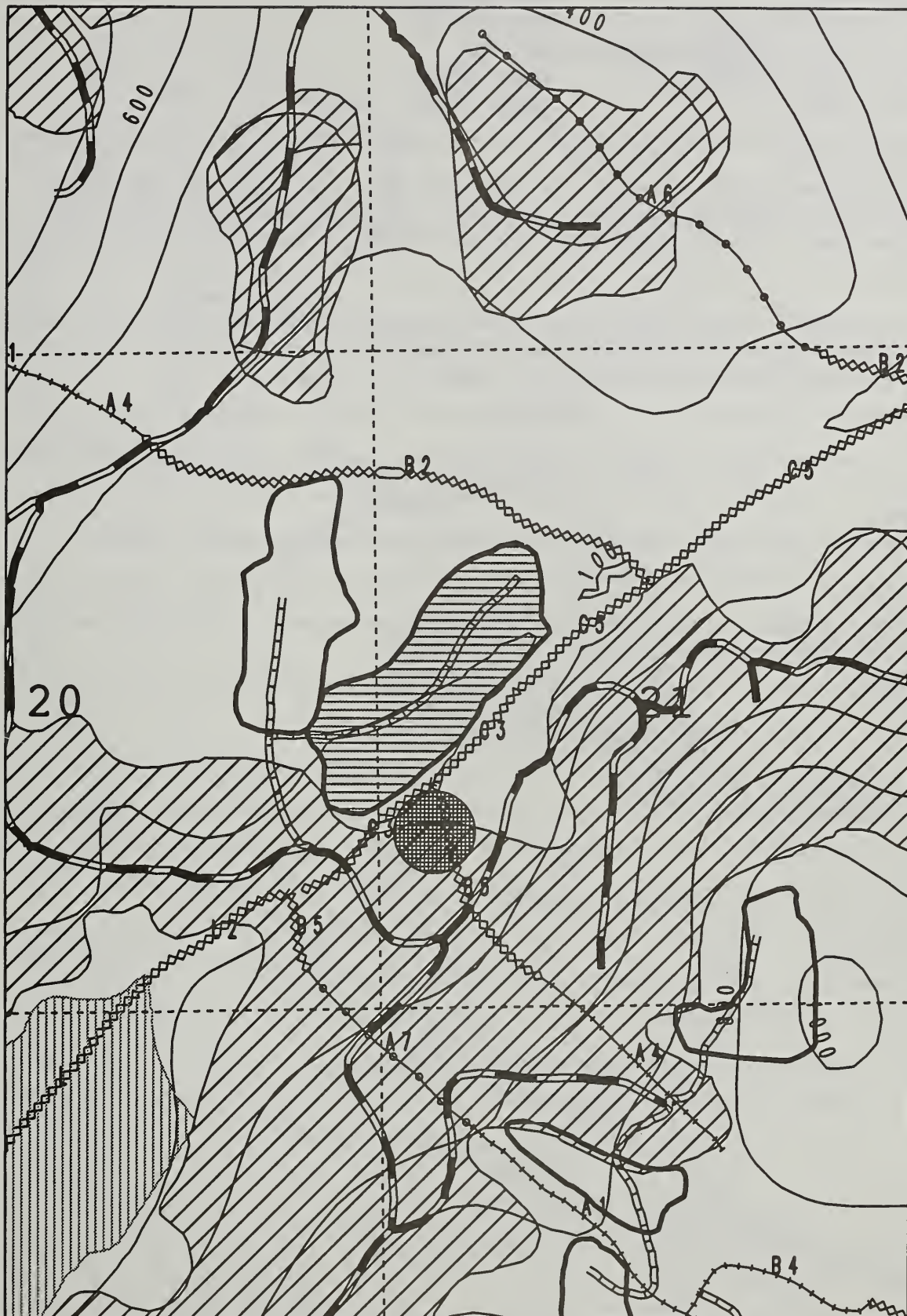
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 581-204 B



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◊ ◊ ◊ ◊ ◊ CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- ▨ UNIT
- ◼ EAGLE NEST
- ▨ PRIOR HARVEST
- ▨ WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 581-204 B Alternatives considered 2 4 5  
Planned acres 46 Quad CRGD3NEN  
Estimated volume (mbf) 1618 Mgmt Area K09  
Logging system Small skyline uphill/downhill WAA 1420  
Silvicultural system Clearcut Photo 1090103  
Forest type Hemlock Aspect South

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 23 acres VC6 0 acres VC7 17 acres  
Elevation breakdown: 0-800 ft. 46 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 31 acres Medium 0 acres High 15 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

---

GEOLOGY

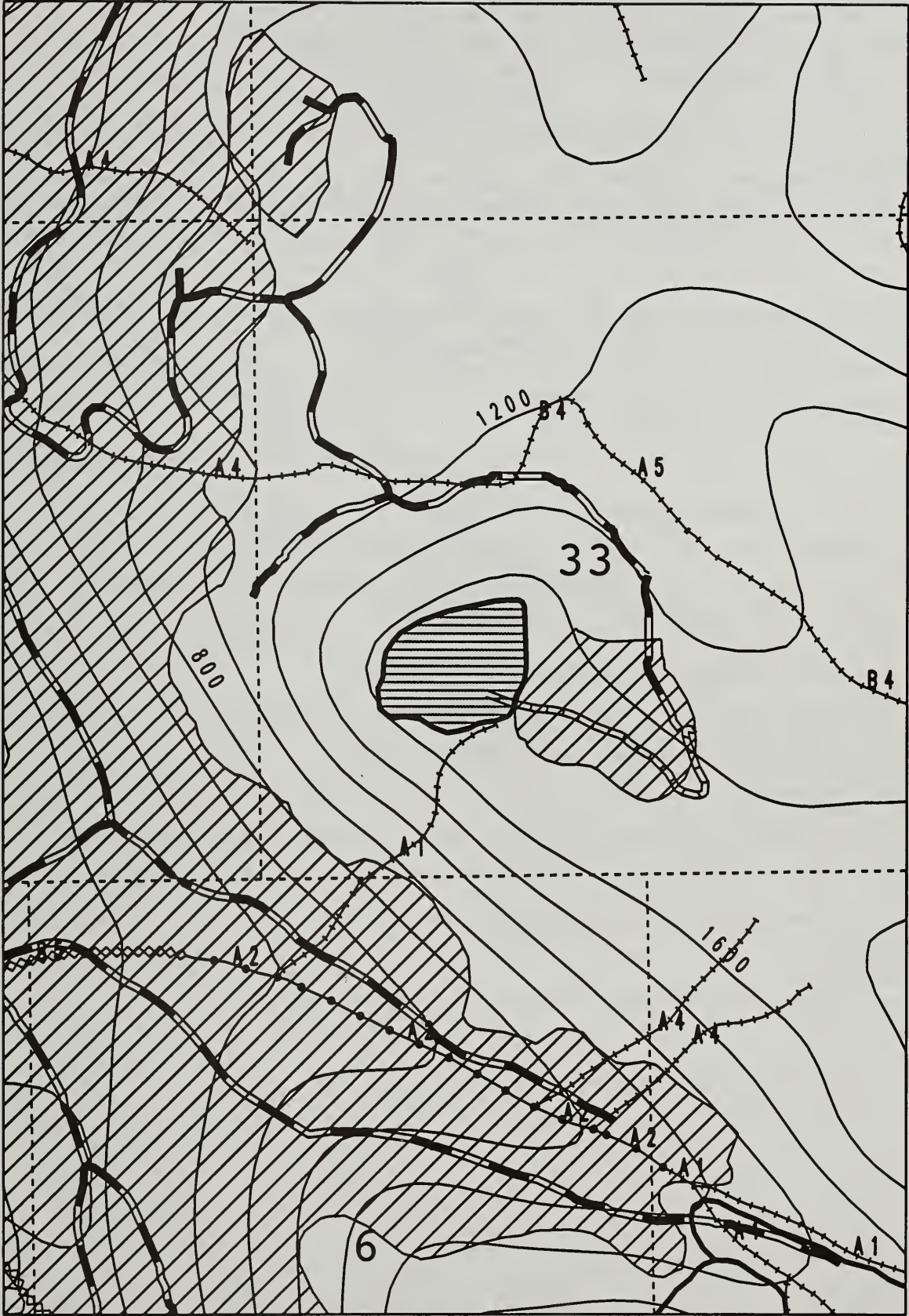
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 581-218



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-218</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>23</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>747</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 6 acres VC5 6 acres VC6 11 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 23 acres  
Mass movement index: Low 2 acres Medium 0 acres High 21 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 5 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

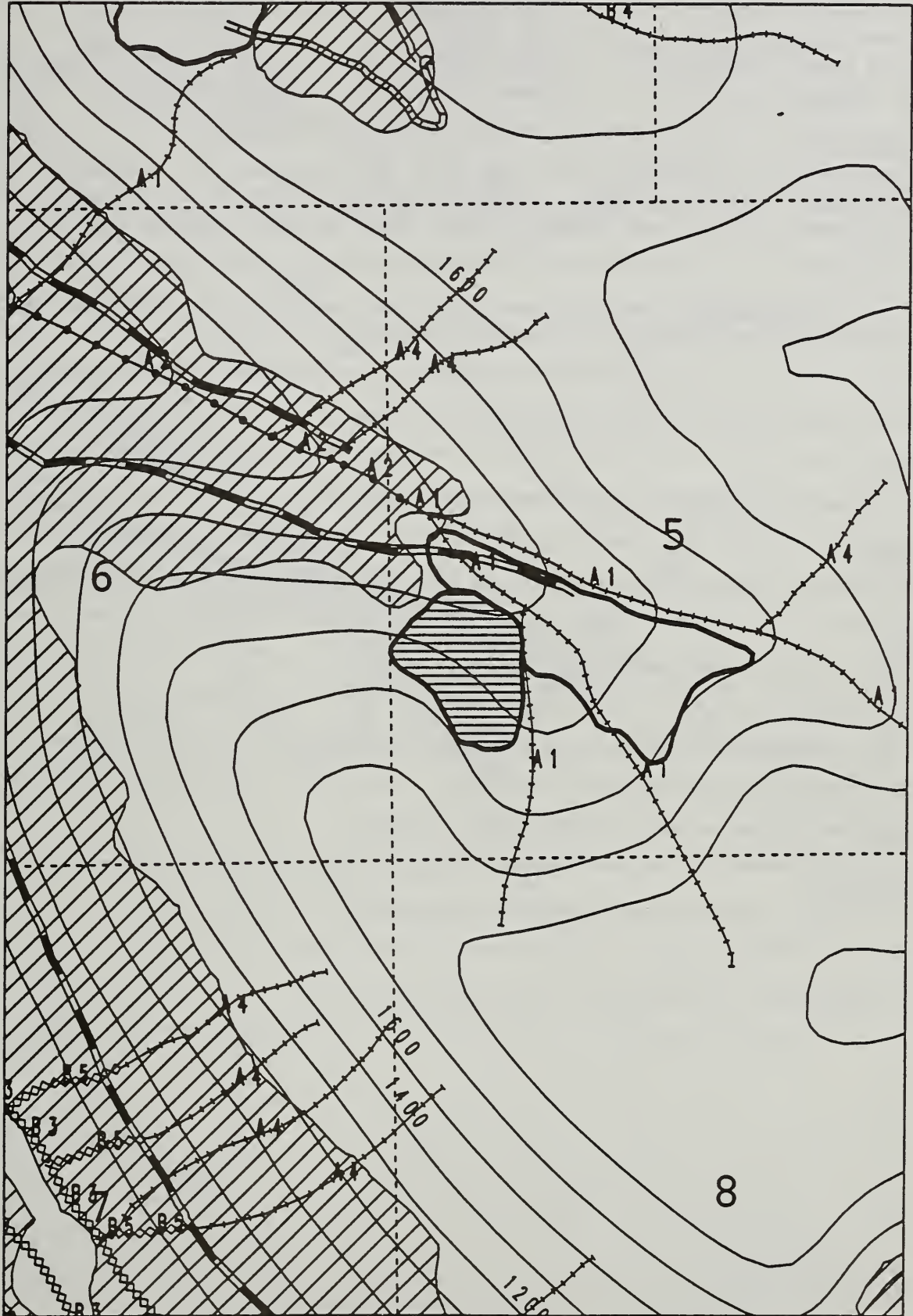
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



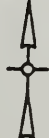
SCALE 1:15840

# UNIT 581-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-219</u>	Alternatives considered <u>2</u>
Planned acres <u>21</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>656</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090007</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 20 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 1 acres 1200-1500 ft. 17 acres over 1500 ft. 3 acres  
Mass movement index: Low 0 acres Medium 0 acres High 21 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

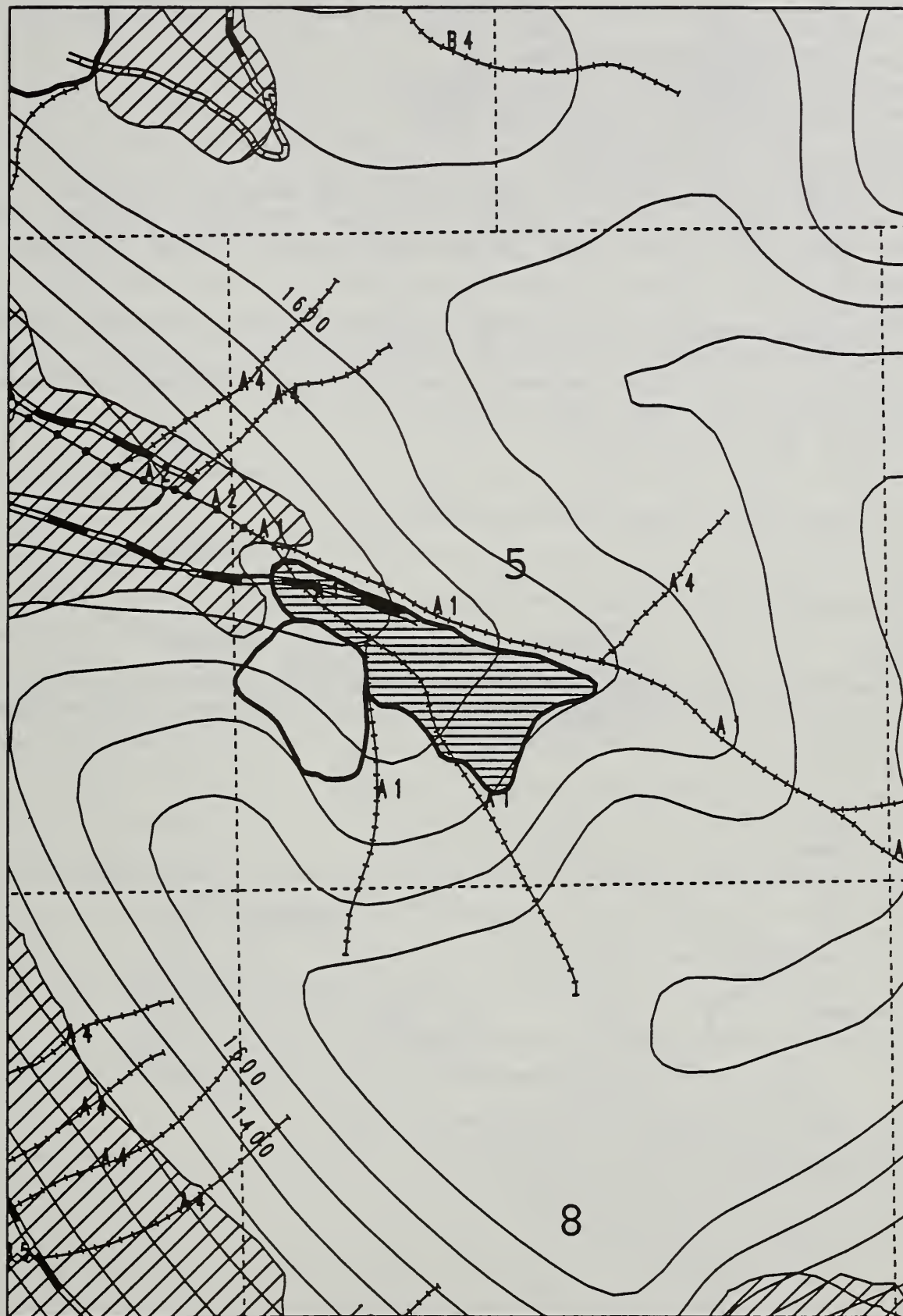
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 581-219

B



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| o-o-o-o-o | CLASS 1 STREAM               |
| o-o-o-o-o | CLASS 2 STREAM               |
| o-o-o-o-o | CLASS 3 STREAM               |
| =====     | EXISTING ROADS               |
| -----     | ALTERNATIVE ROAD             |
| ---       | CONTOUR LINE                 |
| ---       | SECTION LINE                 |

NORTH



- |           |               |
|-----------|---------------|
| =====     | UNIT          |
| o-o-o-o-o | EAGLE NEST    |
| -----     | PRIOR HARVEST |
| -----     | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-219 B</u>	Alternatives considered <u>2</u>
Planned acres <u>40</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>1235</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090007</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 4 acres VC5 35 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 9 acres 1200-1500 ft. 0 acres over 1500 ft. 31 acres  
Mass movement index: Low 0 acres Medium 0 acres High 40 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 36 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

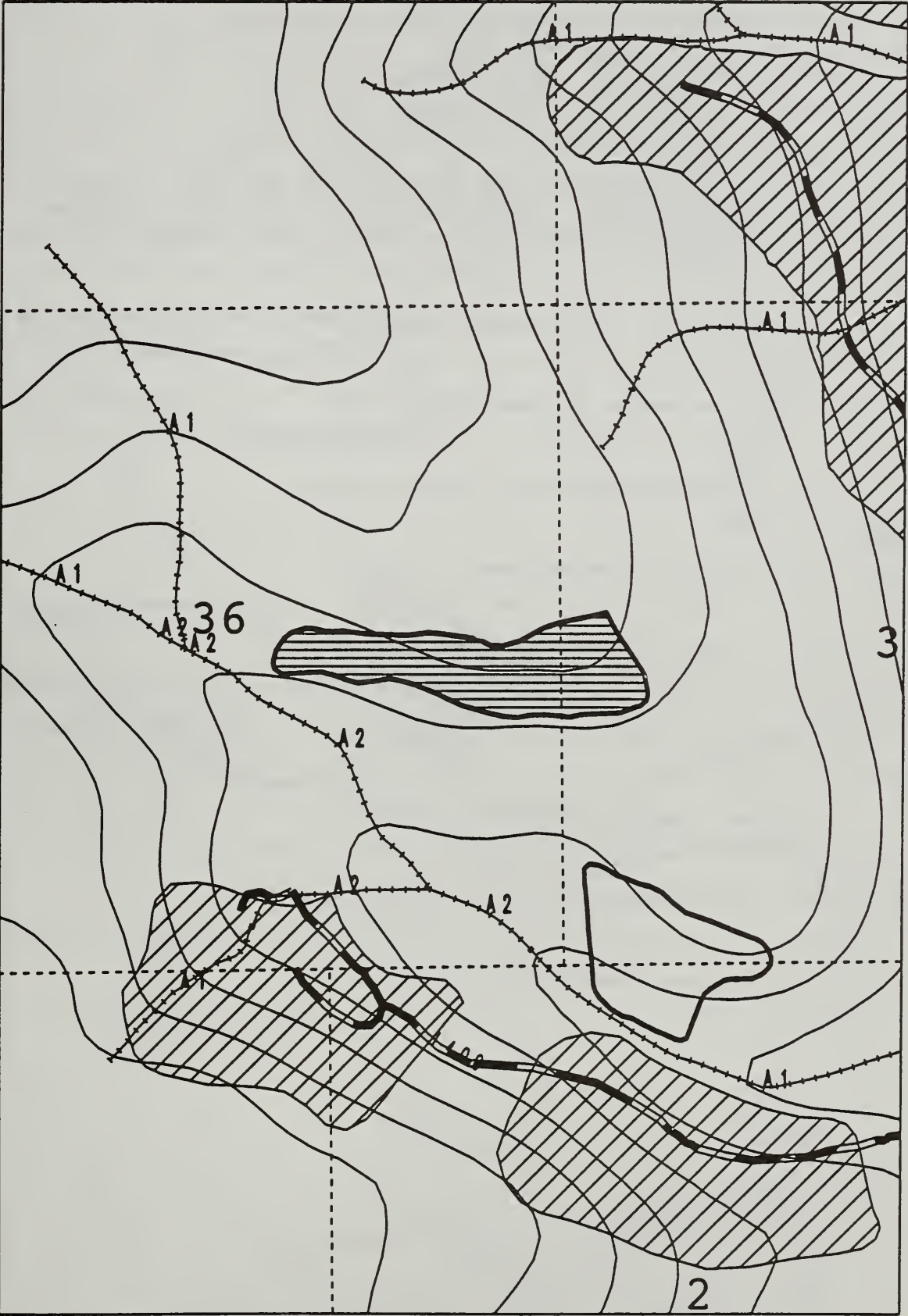
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 581-231



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-231</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>35</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>1049</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090212</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 9 acres over 1500 ft. 26 acres  
Mass movement index: Low 35 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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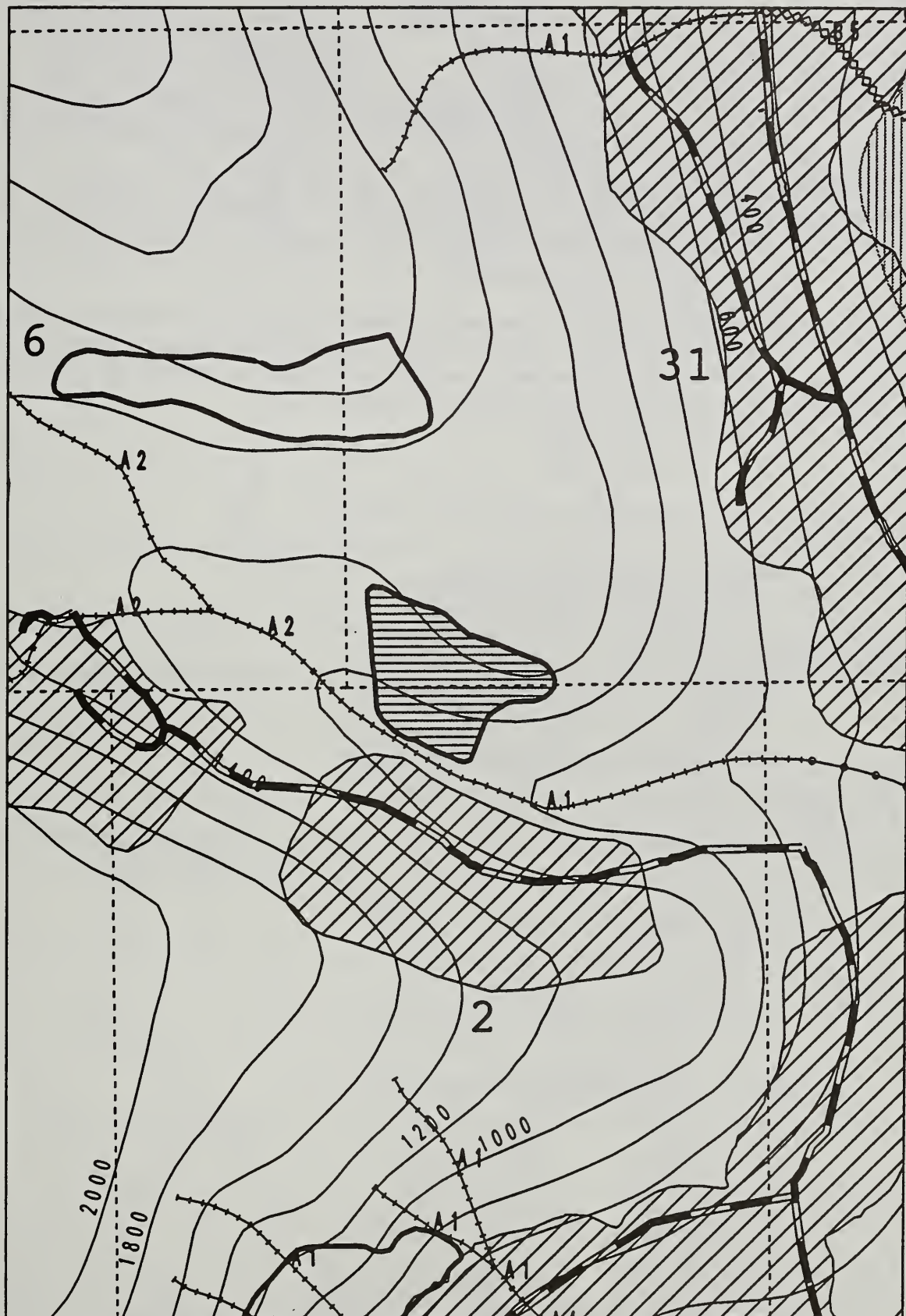
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 581-232



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ----- | CLASS 1 STREAM               |
| ----- | CLASS 2 STREAM               |
| ----- | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ===== | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ===== | EAGLE NEST    |
| ===== | PRIOR HARVEST |
| ===== | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-232</u>	Alternatives considered <u>2</u>
Planned acres <u>27</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>787</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 18 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 22 acres 1200-1500 ft. 5 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 0 acres High 9 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 9 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

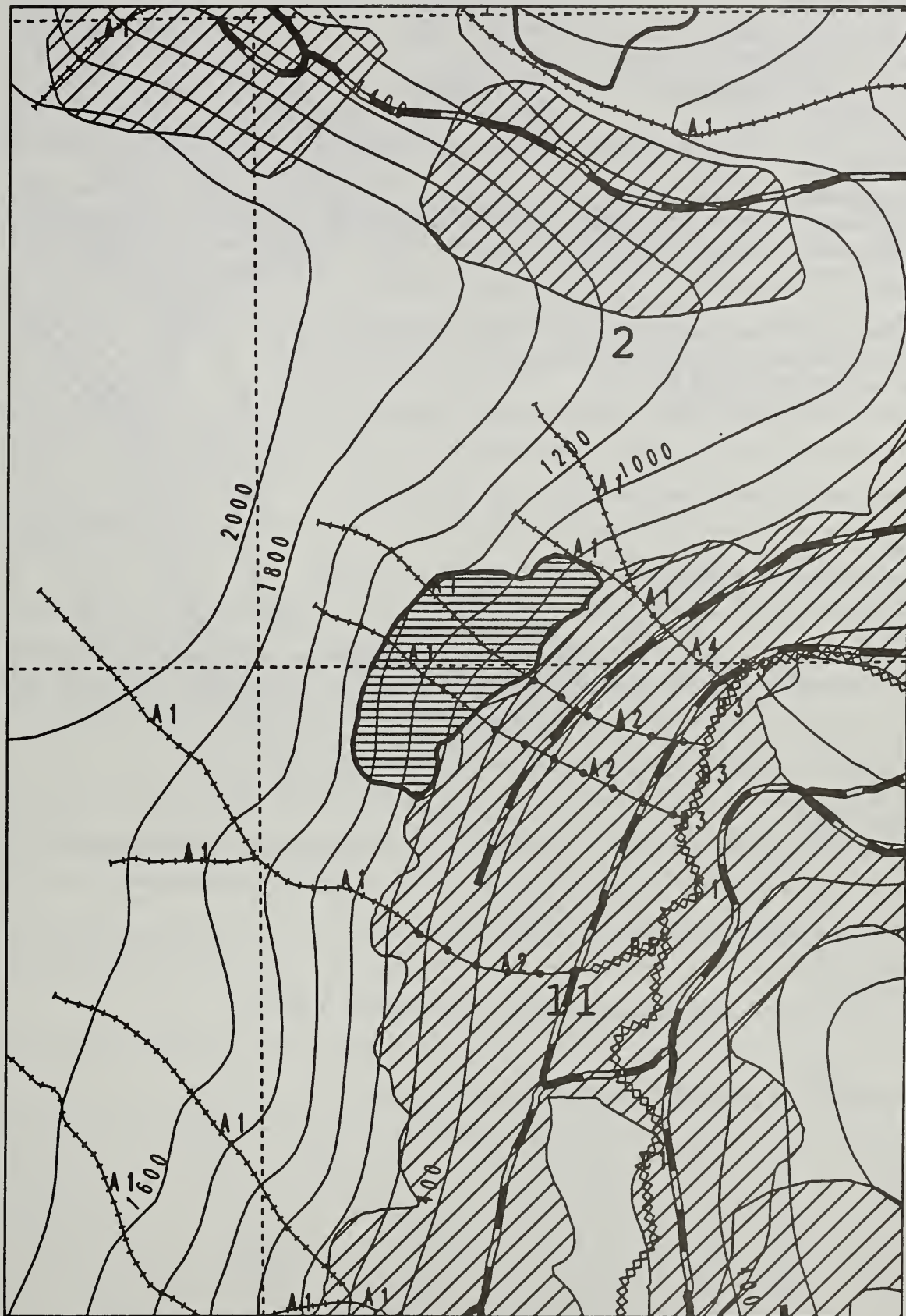
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 581-234



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-234</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>44</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>1648</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090210</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 5 acres VC6 39 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 30 acres 1200-1500 ft. 3 acres over 1500 ft. 0 acres  
Mass movement index: Low 44 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

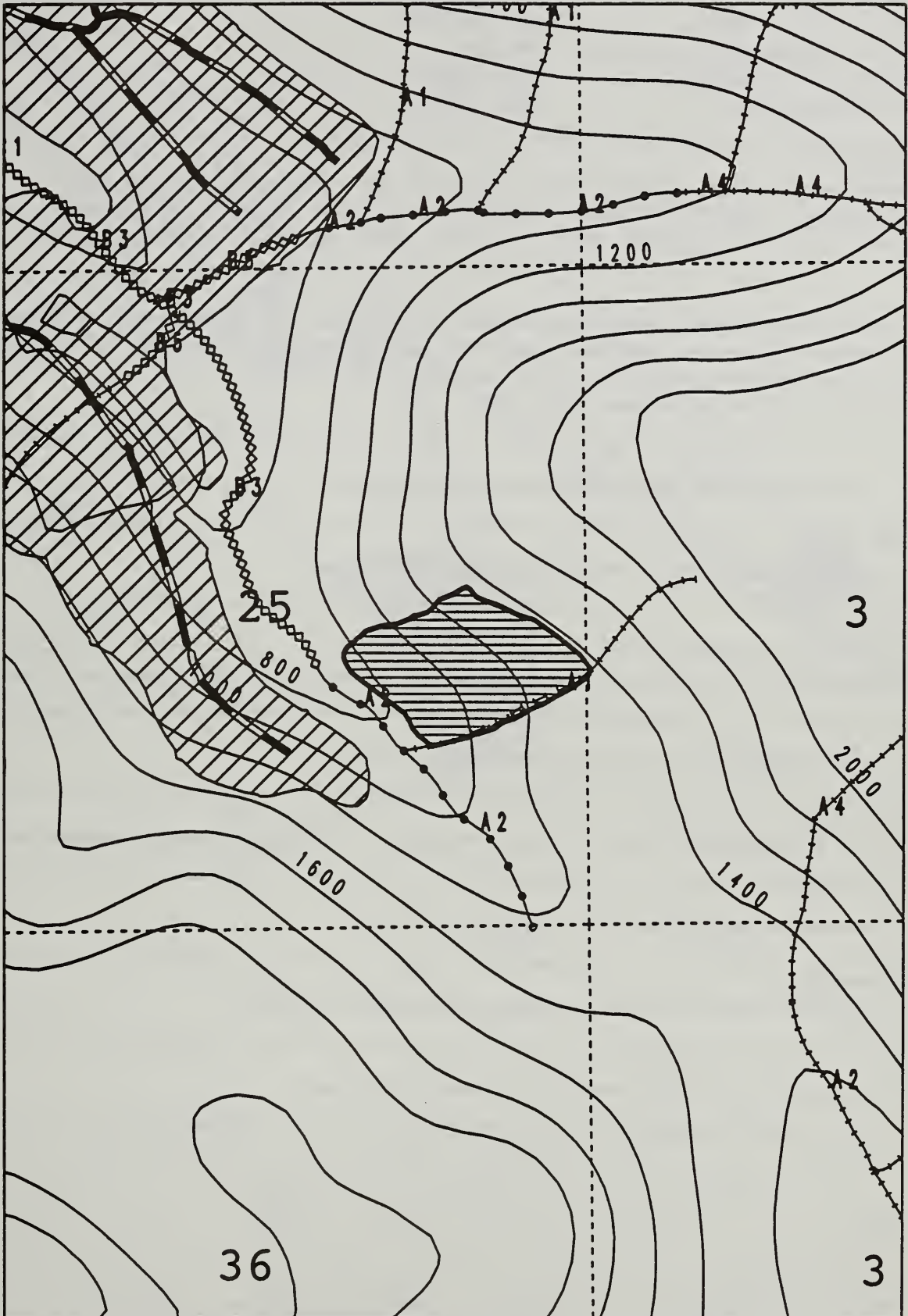
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 581-241



- |        |                              |
|--------|------------------------------|
| ---    | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○ | CLASS 1 STREAM               |
| ●●●●●● | CLASS 2 STREAM               |
| ———    | CLASS 3 STREAM               |
| ———    | EXISTING ROADS               |
| ———    | ALTERNATIVE ROAD             |
| ———    | CONTOUR LINE                 |
| ---    | SECTION LINE                 |



- |     |               |
|-----|---------------|
| ——— | UNIT          |
| ■   | EAGLE NEST    |
| ▨   | PRIOR HARVEST |
| ▧   | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>581-241</u>	Alternatives considered <u>3</u>
Planned acres <u>37</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1296</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090111</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 12 acres VC6 22 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 12 acres 1200-1500 ft. 25 acres over 1500 ft. 0 acres  
Mass movement index: Low 8 acres Medium 0 acres High 29 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 15 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

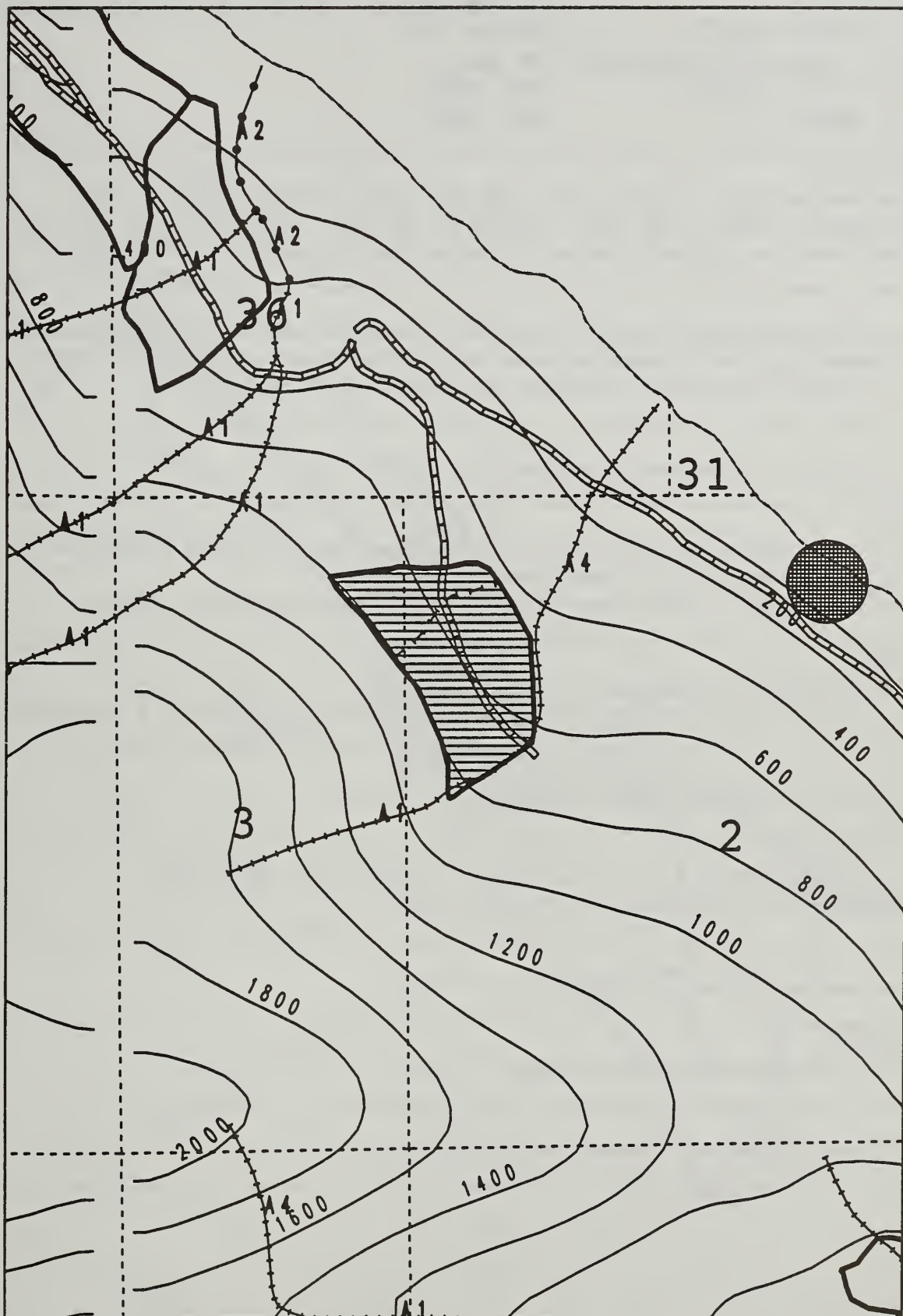
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 582-211



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>582-211</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>38</u>	Quad <u>CRGD2NWS</u>
Estimated volume (mbf) <u>1255</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690055</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 29 acres VC6 8 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 3 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Baird Peak)  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

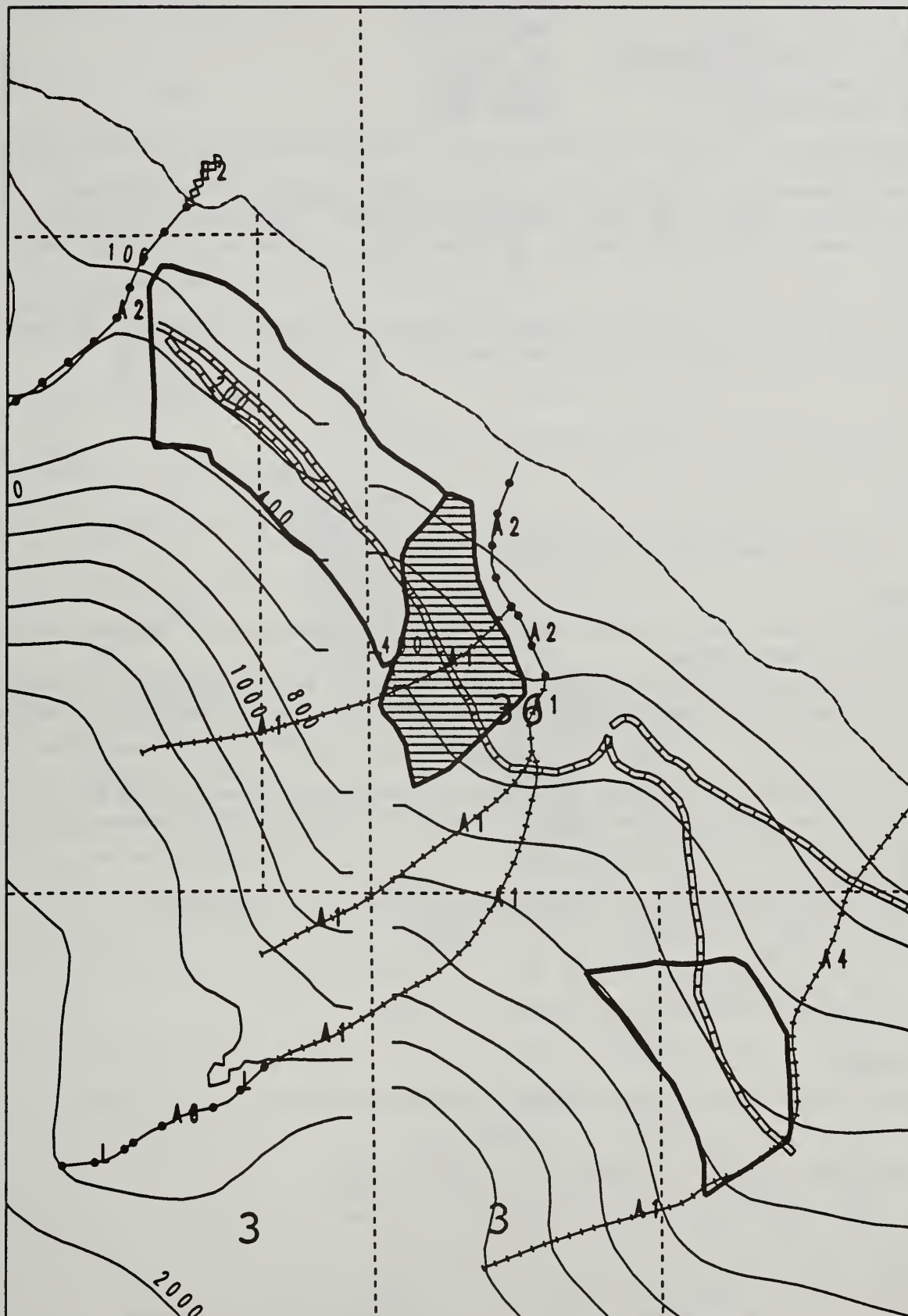
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 582-214



- |         |                              |
|---------|------------------------------|
| ---     | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○  | CLASS 1 STREAM               |
| ●●●●●●  | CLASS 2 STREAM               |
| —+—+—+— | CLASS 3 STREAM               |
| —+—+—+— | EXISTING ROADS               |
| —+—+—+— | ALTERNATIVE ROAD             |
| —       | CONTOUR LINE                 |
| - - -   | SECTION LINE                 |

NORTH



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>582-214</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>35</u>	Quad <u>CRGD2NWS</u>
Estimated volume (mbf) <u>1620</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690056</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 6 acres VC6 0 acres VC7 28 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 30 acres High 3 acres Very High 0 acres

SOILS

This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across. Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Baird Peak) as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

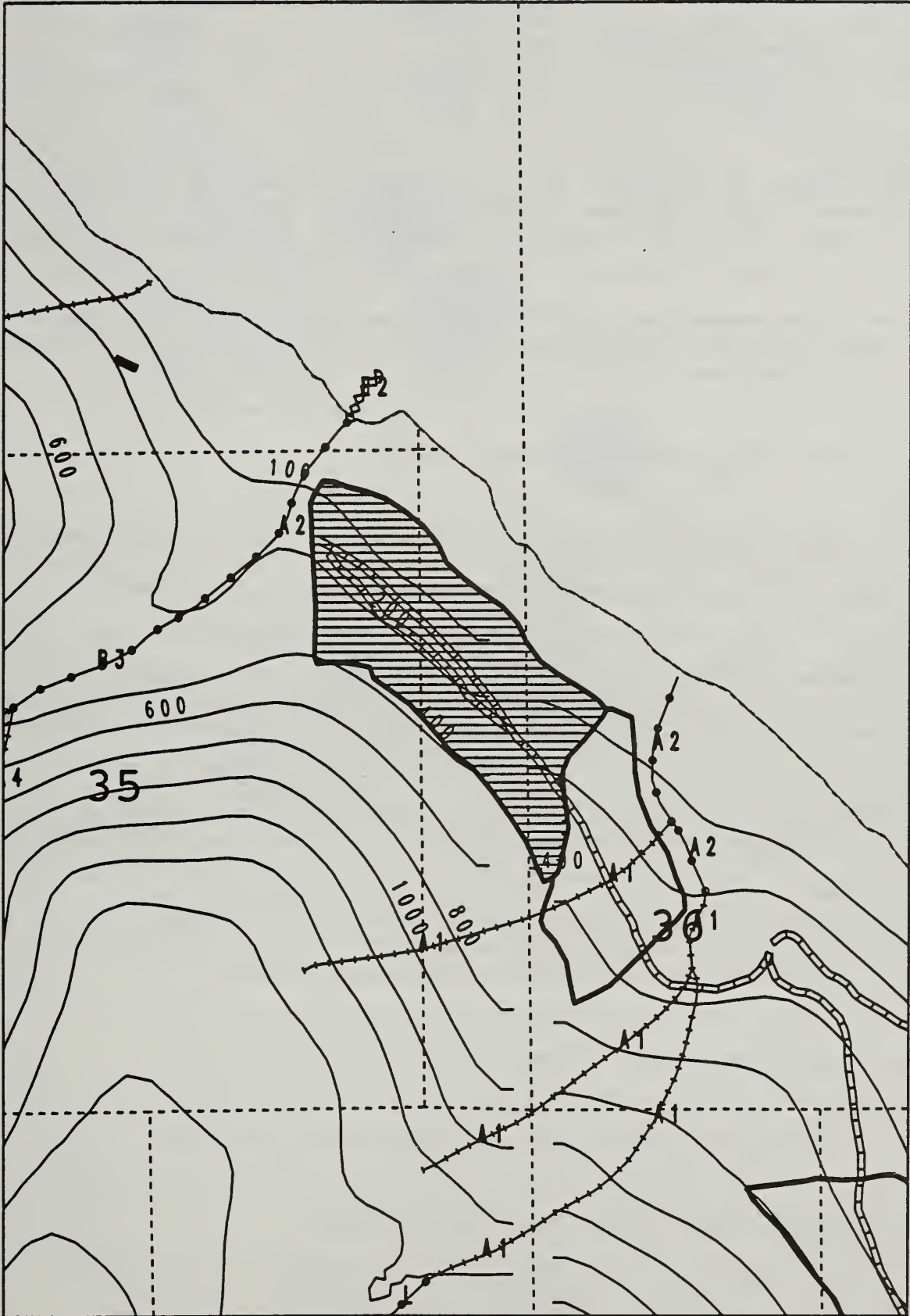
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 582-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>582-215</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>72</u>	Quad <u>CRGD3NES</u>
Estimated volume (mbf) <u>2957</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990185</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 5 acres VC6 6 acres VC7 44 acres  
Elevation breakdown: 0-800 ft. 65 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 7 acres  
Mass movement index: Low 11 acres Medium 17 acres High 44 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 28 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Baird Peak)  
as viewed from ferry/cruise ship route (2 miles off shore).  
This unit will need boundary modification to meet VQO proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

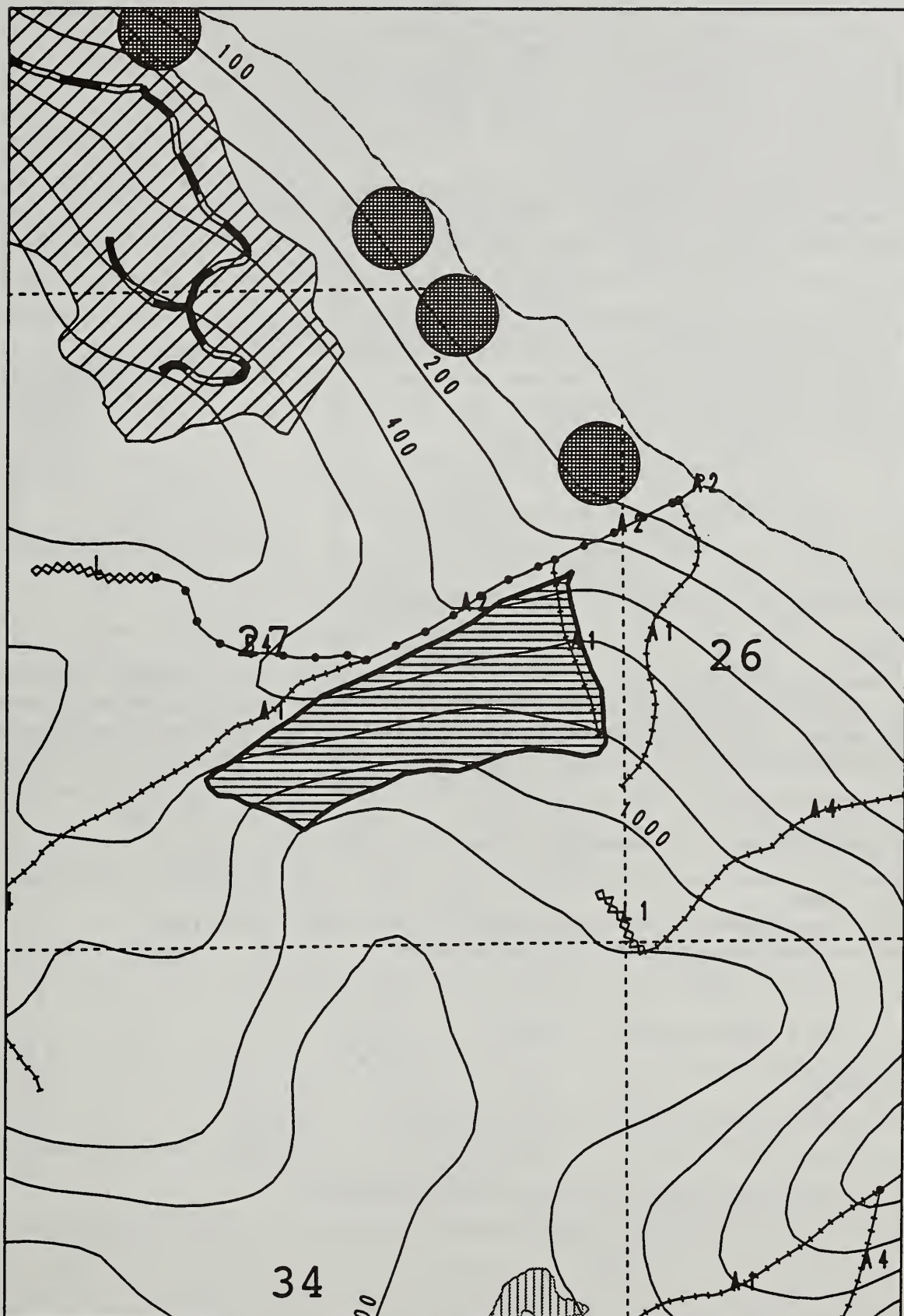
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 582-218



- — — — — UNCLASS. STREAM WITHIN UNITS
- — — — — CLASS 1 STREAM
- — — — — CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- — — — — SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>582-218</u>	Alternatives considered <u>2 3</u>
Planned acres <u>68</u>	Quad <u>CRGD3NEN</u>
Estimated volume (mbf) <u>2950</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990186</u>
Forest type <u>Spruce</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 0 acres VC6 9 acres VC7 47 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 35 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 0 acres High 64 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has a significant possibility to have areas reclassified as MMI = 4.

This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Baird Peak)  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

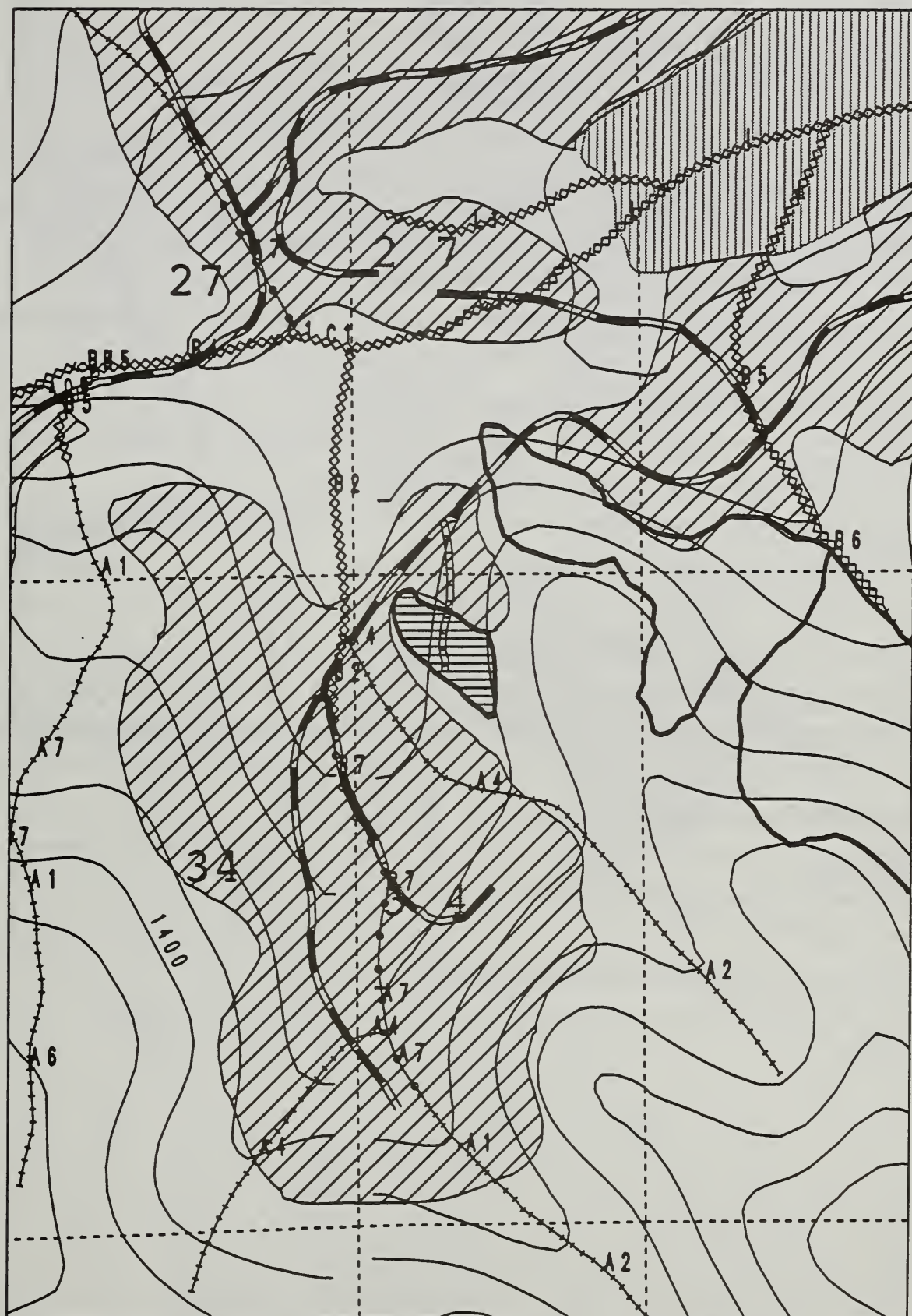
CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 583-214



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-214</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>10</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>219</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690048</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 8 acres 800-1200 ft. 2 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 0 acres High 5 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

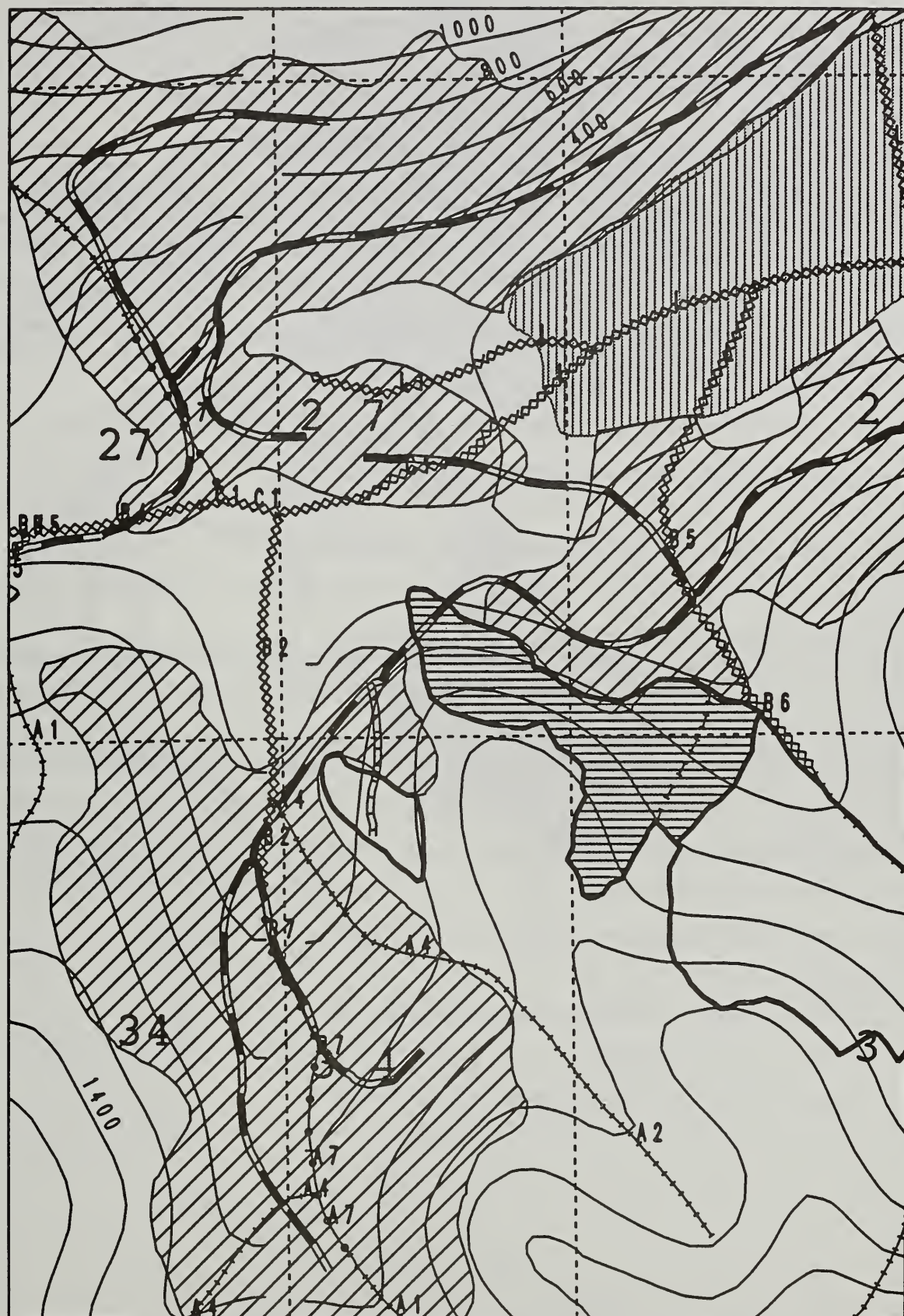
There are no geological mitigation measures anticipated for this unit.

---



SCALE 1:15840

# UNIT 583-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-215</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>59</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1307</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690048</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 43 acres VC5 10 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 15 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 29 acres High 15 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

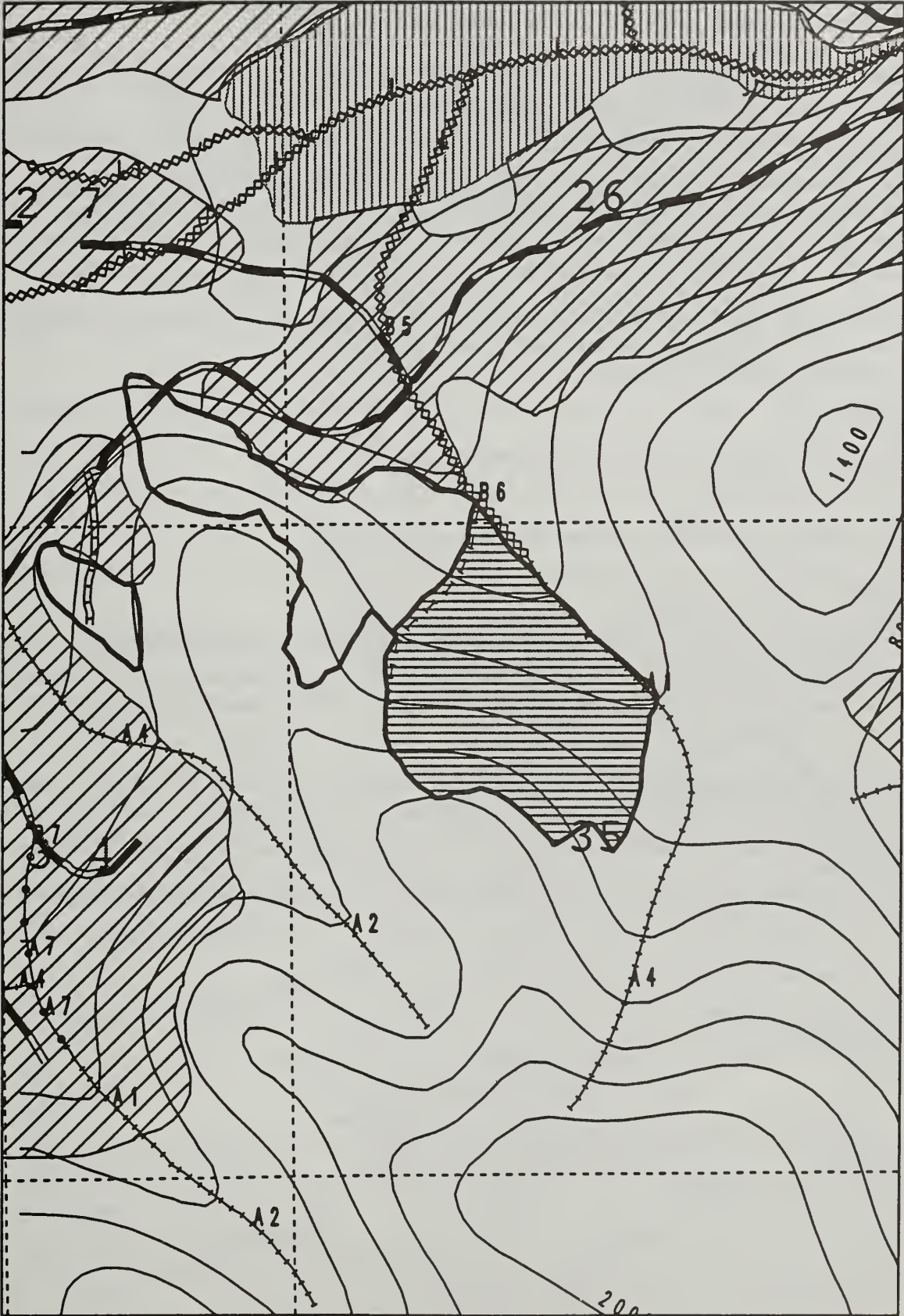
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 583-216



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-216</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>83</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>2303</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690048</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 34 acres VC5 22 acres VC6 22 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 44 acres 1200-1500 ft. 8 acres over 1500 ft. 0 acres  
Mass movement index: Low 50 acres Medium 32 acres High 1 acres Very High 0 acres

SOILS

This unit contains 35 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a B6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

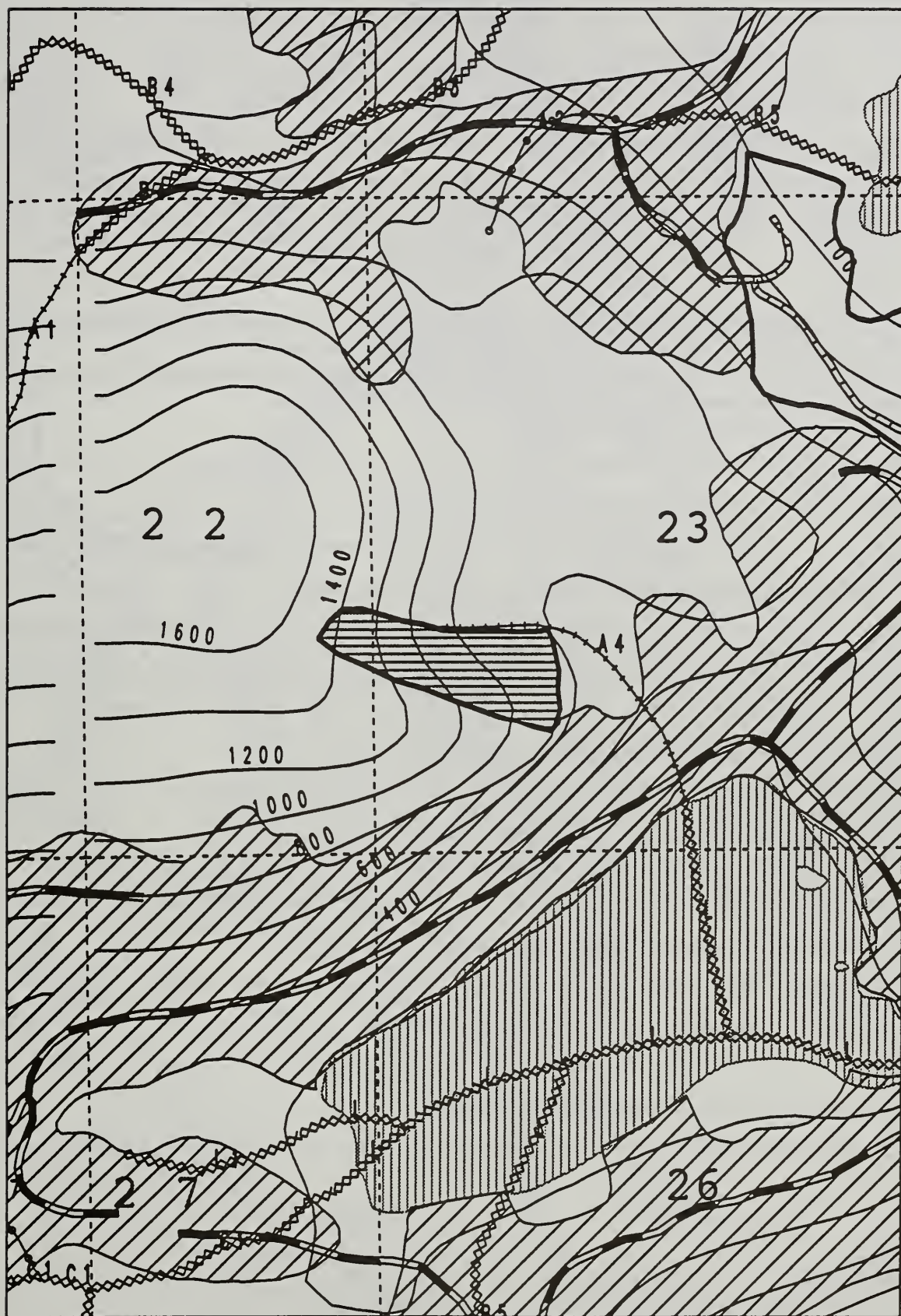
CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

D



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-225 B</u>	Alternatives considered <u>2</u>
Planned acres <u>24</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>913</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690050</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 24 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 12 acres 800-1200 ft. 9 acres 1200-1500 ft. 0 acres over 1500 ft. 2 acres  
Mass movement index: Low 0 acres Medium 0 acres High 24 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 6 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 10 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Big Ratz Harbor  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

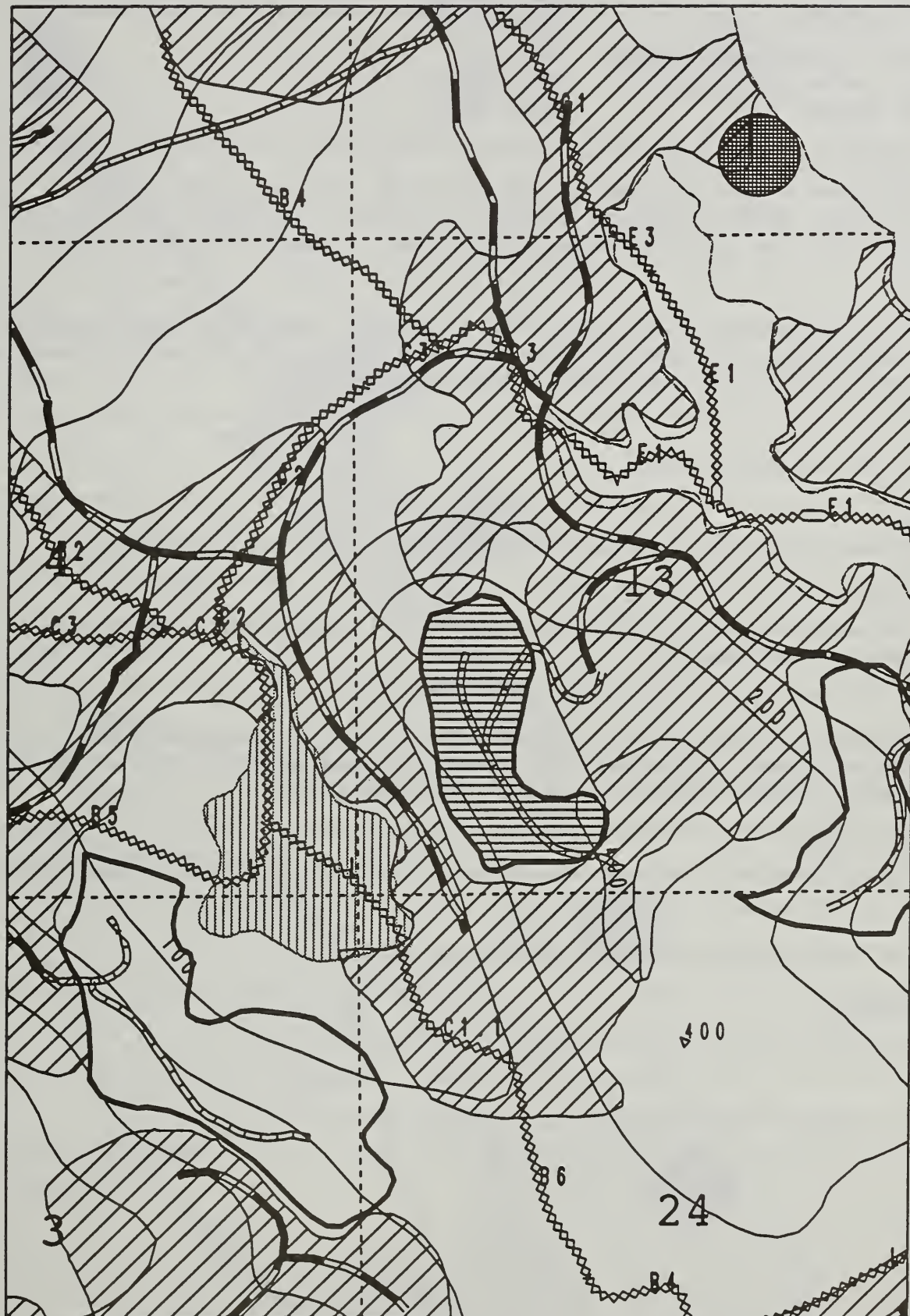
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 583-227



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-227</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>40</u>	Quad <u>CRGD2NWS</u>
Estimated volume (mbf) <u>810</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690051</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 37 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 11 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 23 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potentially very low volume per acre.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.  
Unit is adjacent to estuary or beach fringe; maintain appropriate buffer.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

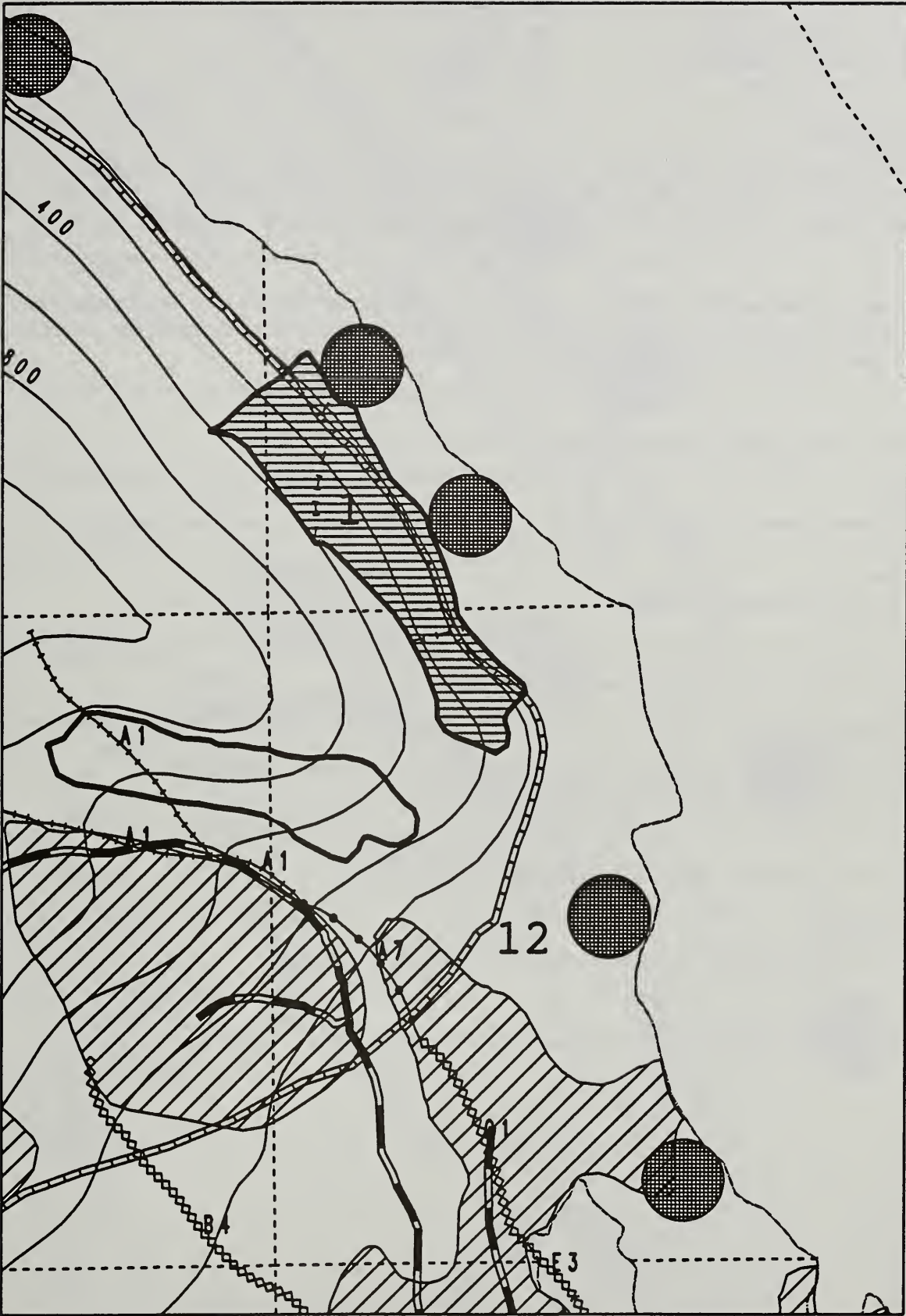
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 583-229



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-229</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>53</u>	Quad <u>CRGD2NWS</u>
Estimated volume (mbf) <u>1160</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690053</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 47 acres VC5 4 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 53 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 43 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Baird Peak)  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

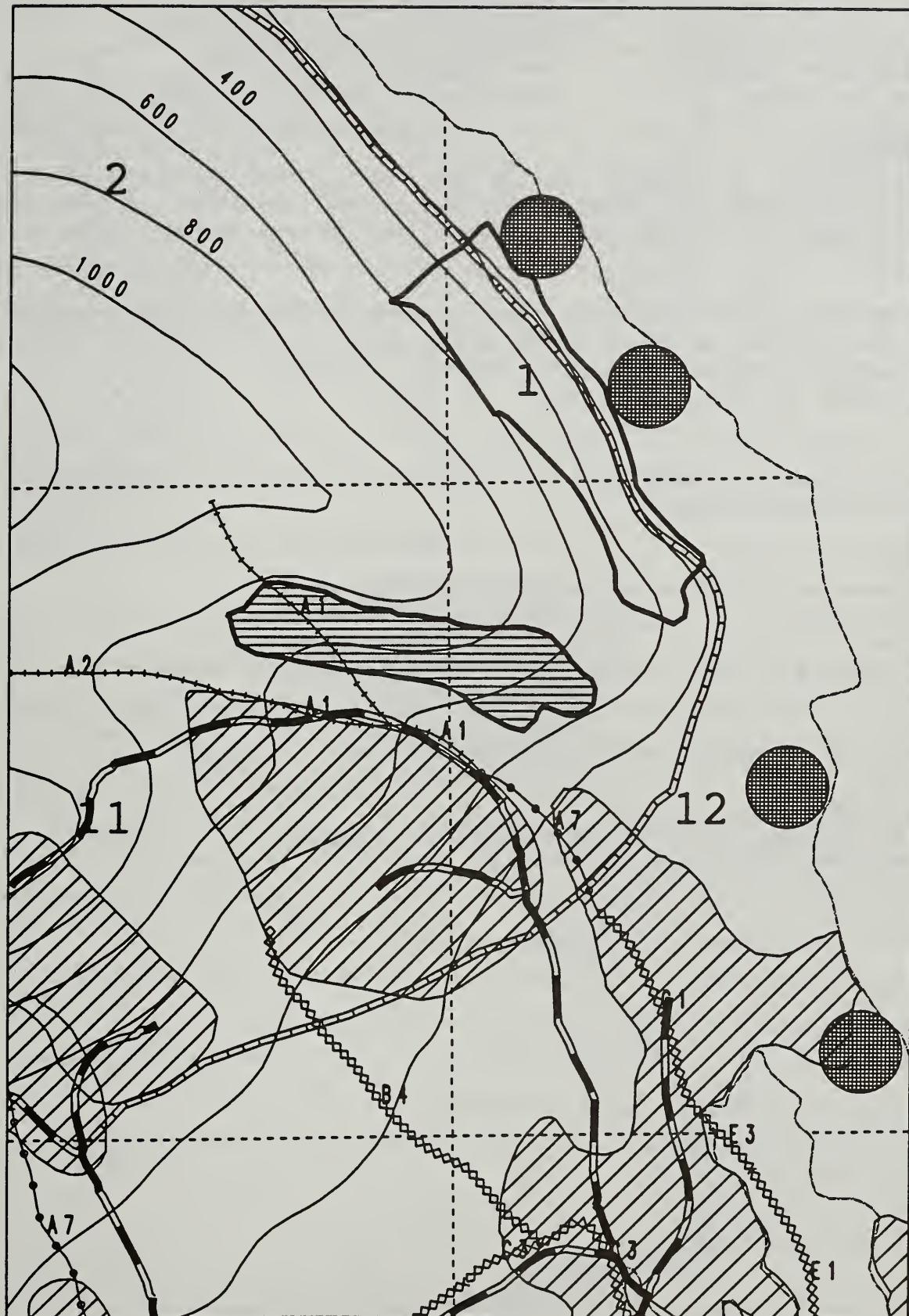
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 583-233



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-233</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>37</u>	Quad <u>CRGD2NWS</u>
Estimated volume (mbf) <u>1066</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690053</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 22 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 37 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 0 acres High 35 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 32 acres of slopes > 75%.

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs13.9, 13.16).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Big Ratz Harbor as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

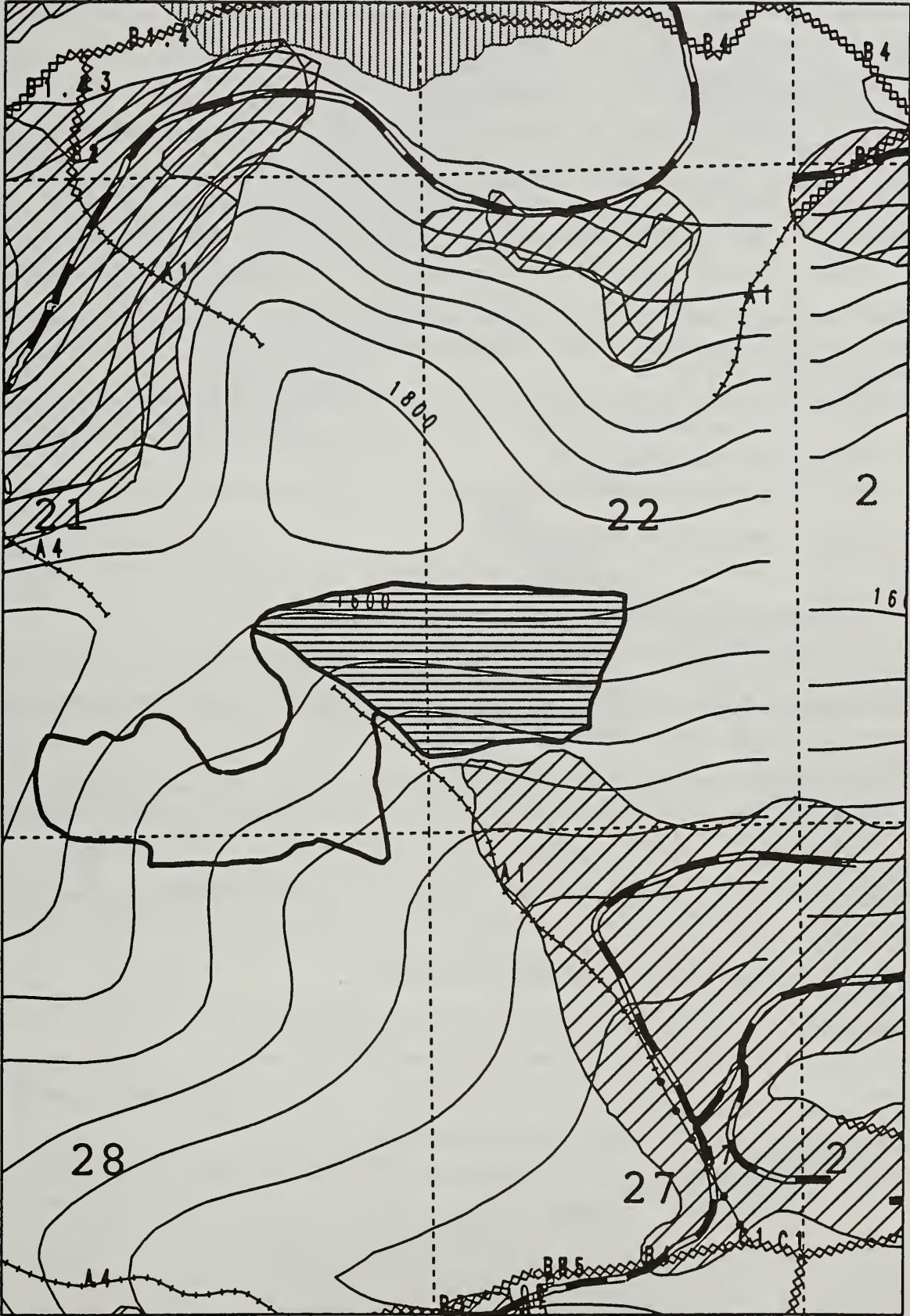
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 583-242



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-242</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>65</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>2098</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>990179</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 64 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 5 acres 1200-1500 ft. 31 acres over 1500 ft. 28 acres  
Mass movement index: Low 4 acres Medium 0 acres High 61 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 45 acres of slopes > 75%.

TIMBER

Shelterwood harvest. Cedar will not be harvested.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for  
every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

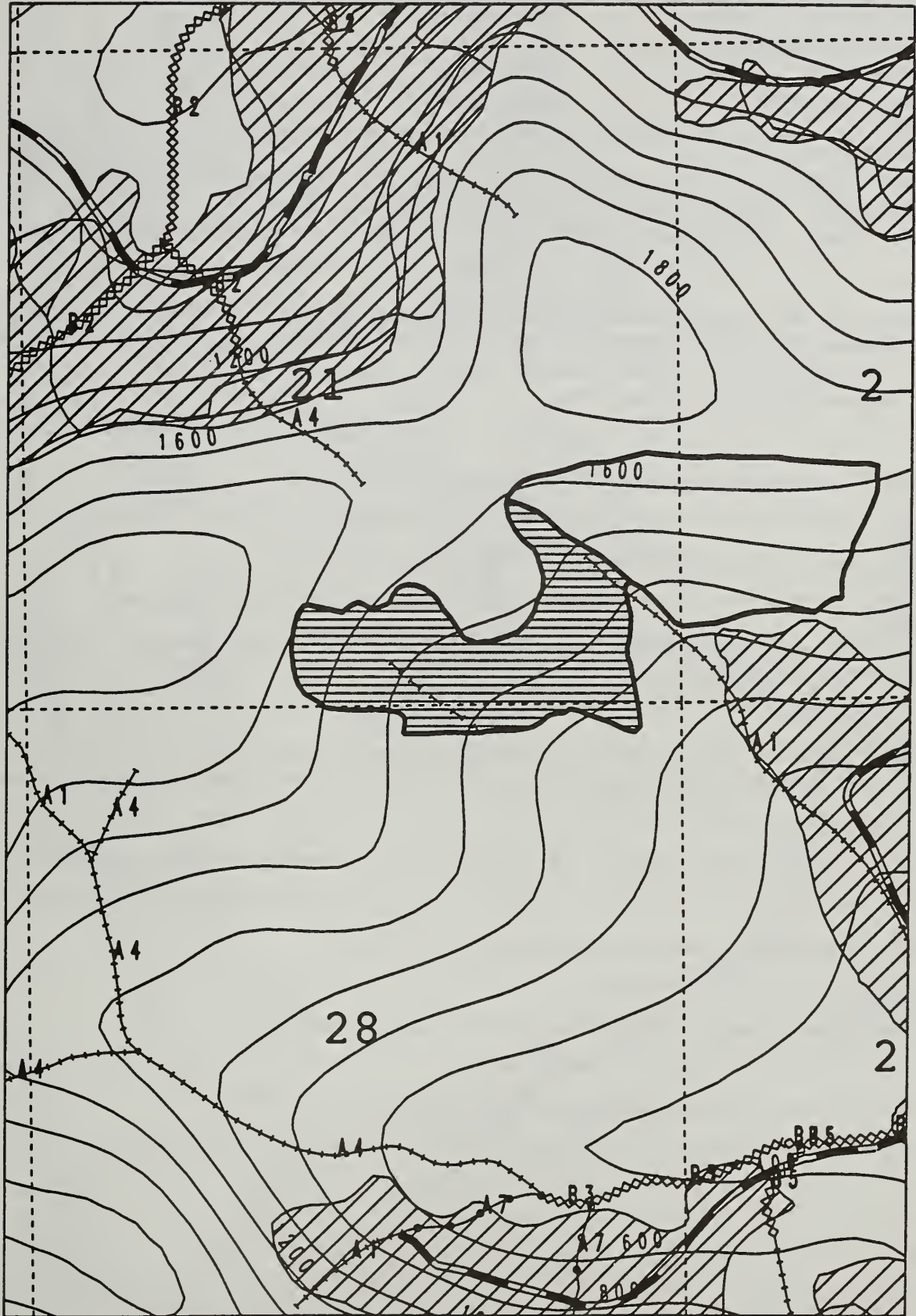
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 583-243



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-243</u>	Alternatives considered <u>2 3</u>
Planned acres <u>64</u>	Quad <u>CRGD3SEN</u>
Estimated volume (mbf) <u>1695</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990179</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 31 acres VC5 31 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 15 acres 1200-1500 ft. 36 acres over 1500 ft. 14 acres  
Mass movement index: Low 20 acres Medium 0 acres High 44 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 35 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 25 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

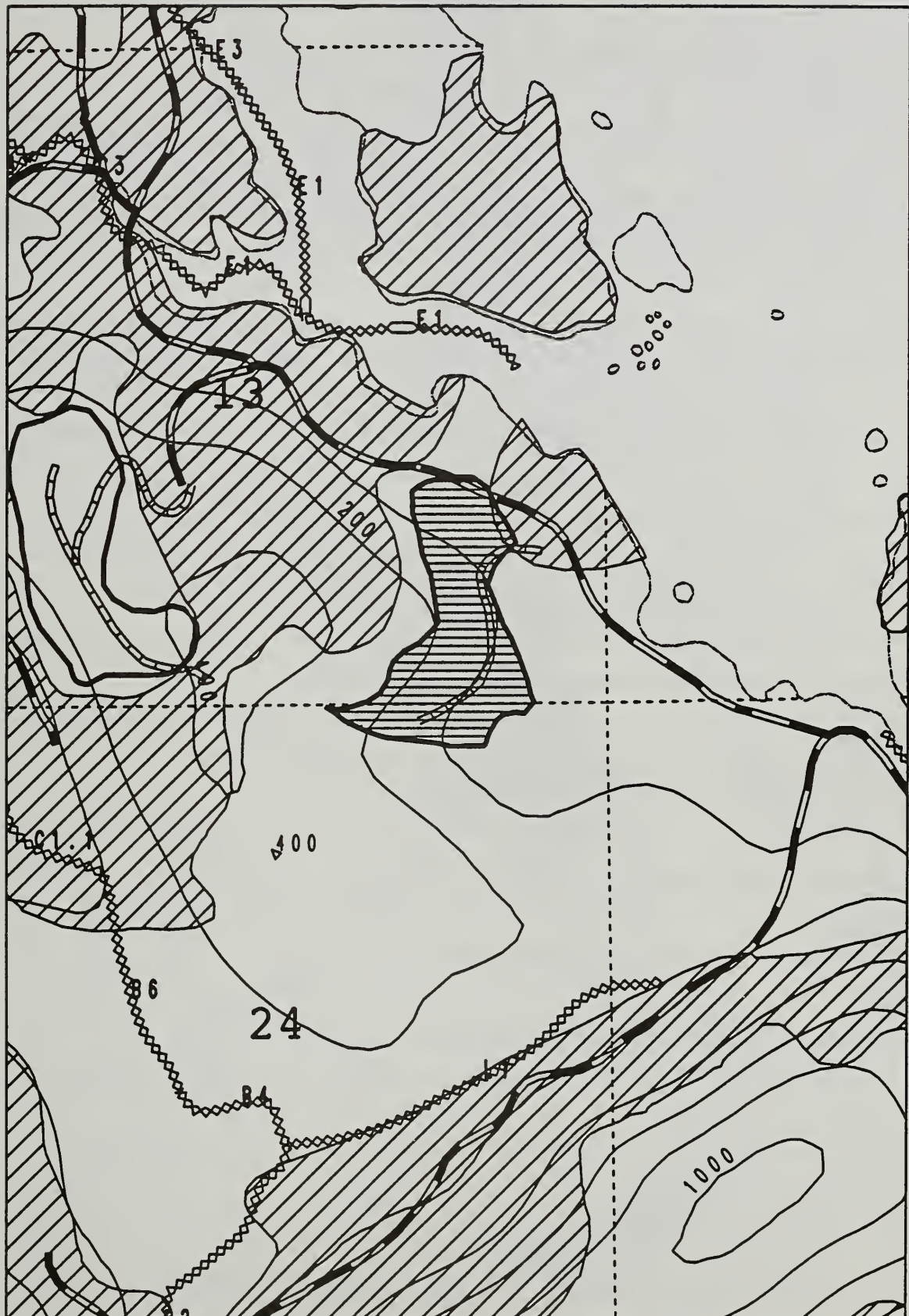
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 583-256



- |           |                              |
|-----------|------------------------------|
| —+—+—+—   | UNCLASS. STREAM WITHIN UNITS |
| —o—o—o—o— | CLASS 1 STREAM               |
| —•—•—•—•— | CLASS 2 STREAM               |
| —x—x—x—x— | CLASS 3 STREAM               |
| —+—+—+—+— | EXISTING ROADS               |
| —•—•—•—•— | ALTERNATIVE ROAD             |
| —         | CONTOUR LINE                 |
| - - -     | SECTION LINE                 |



- |           |               |
|-----------|---------------|
| —+—+—+—   | UNIT          |
| —x—x—x—x— | EAGLE NEST    |
| —•—•—•—•— | PRIOR HARVEST |
| —o—o—o—o— | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-256</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>38</u>	Quad <u>CRGD2NWS</u>
Estimated volume (mbf) <u>810</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090095</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 37 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 38 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 7 acres High 2 acres Very High 0 acres

---

SOILS

This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

Unit is adjacent to estuary or beach fringe; maintain appropriate buffer.

---

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Big Ratz Harbor as viewed from ferry/cruise ship route (2 miles off shore).

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

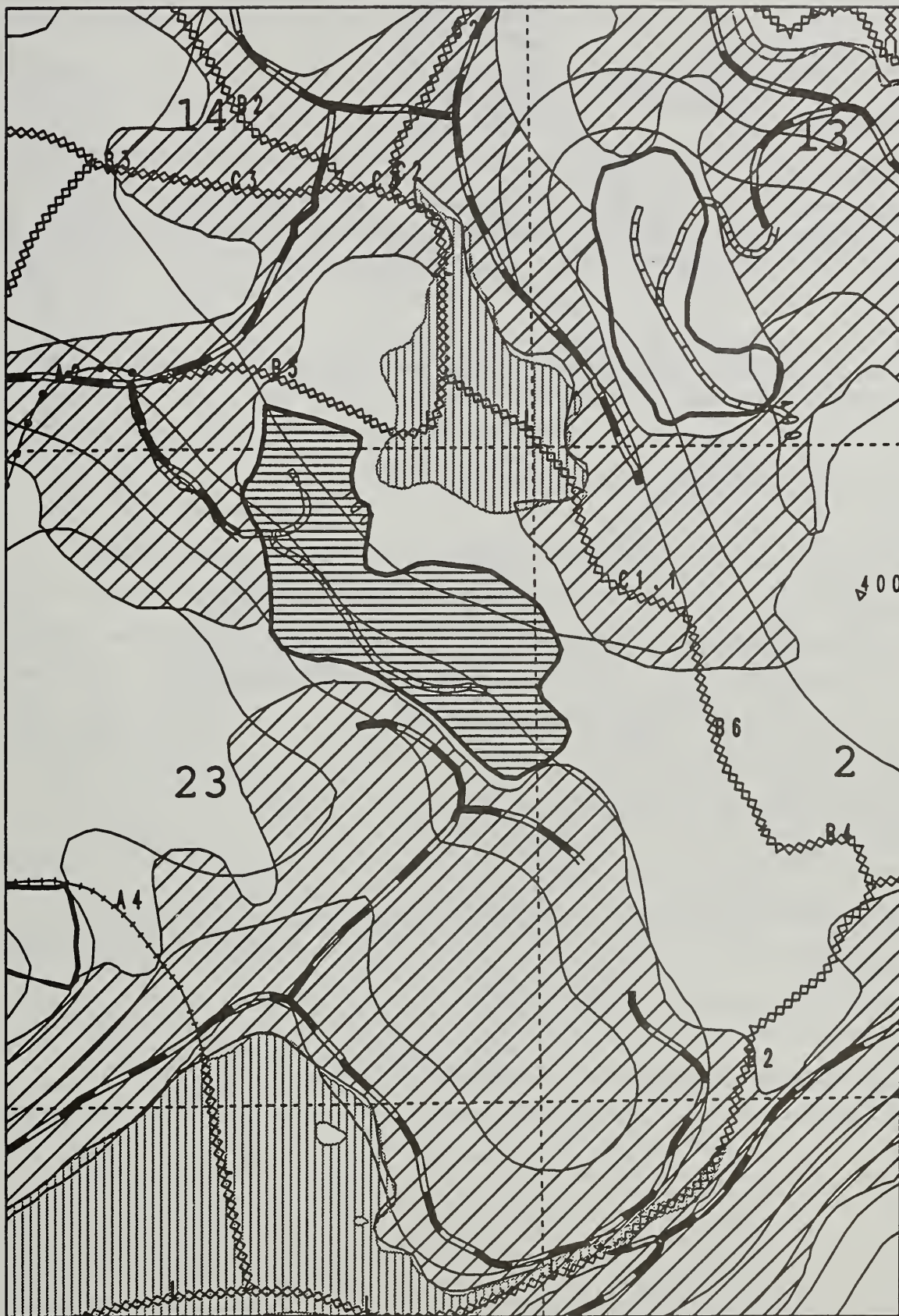
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 583-258



- — — — UNCLASS. STREAM WITHIN UNITS
- — — — CLASS 1 STREAM
- — — — CLASS 2 STREAM
- — — — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- — — — SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>583-258</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>80</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1946</u>	Mgmt Area <u>K09</u>
Logging system <u>Slackline uphill/downhill</u>	WAA <u>1420</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690050</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 44 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 80 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 69 acres Medium 11 acres High 0 acres Very High 0 acres

SOILS

This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 45 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit is immediately adjacent to a B5 stream. No harvest within active fan or 100 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Big Ratz Harbor as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

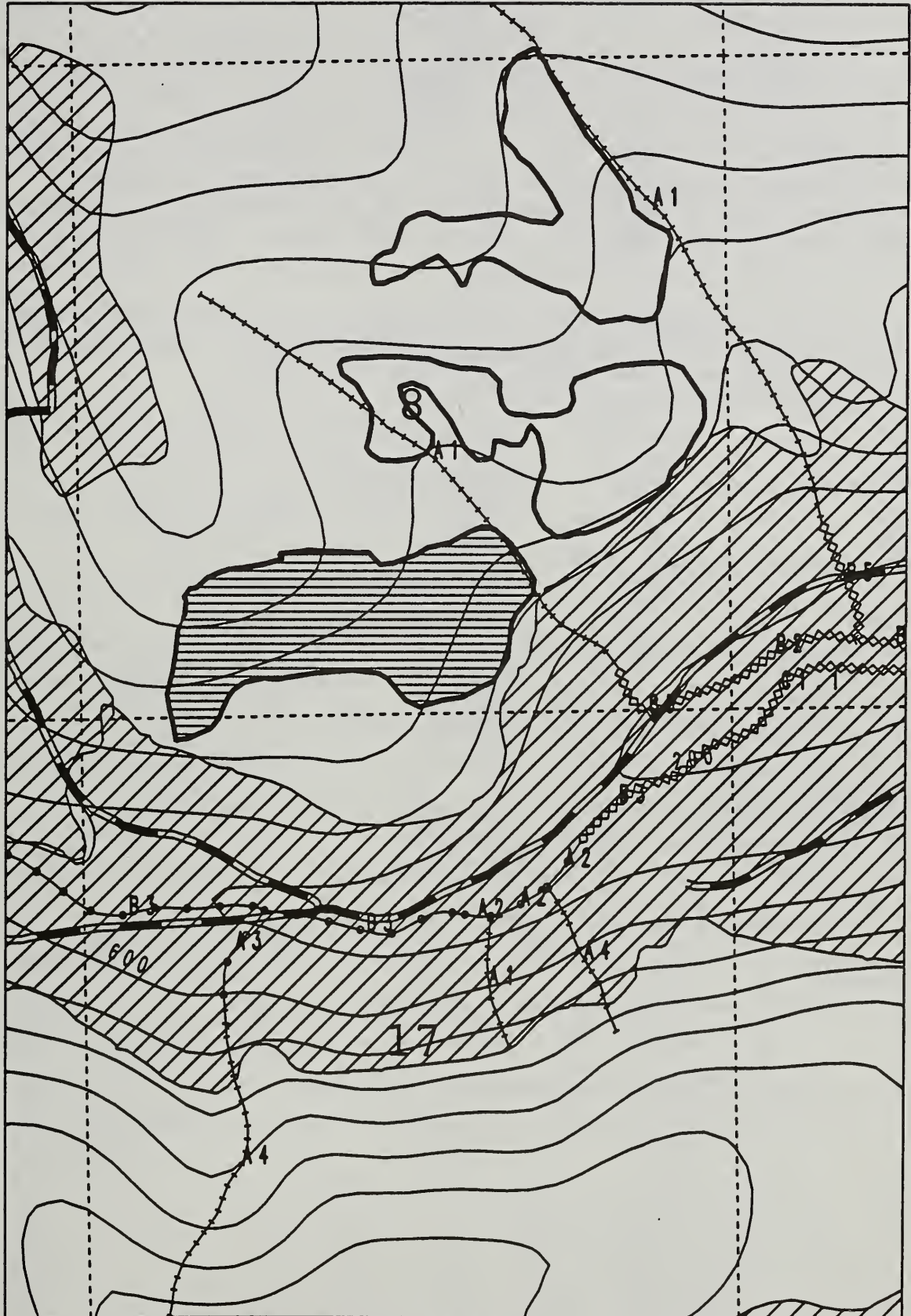
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 584-218



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-218</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>69</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>1760</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990196</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 39 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 13 acres 800-1200 ft. 48 acres 1200-1500 ft. 9 acres over 1500 ft. 0 acres  
Mass movement index: Low 48 acres Medium 8 acres High 13 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 22 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Sal Creek)  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

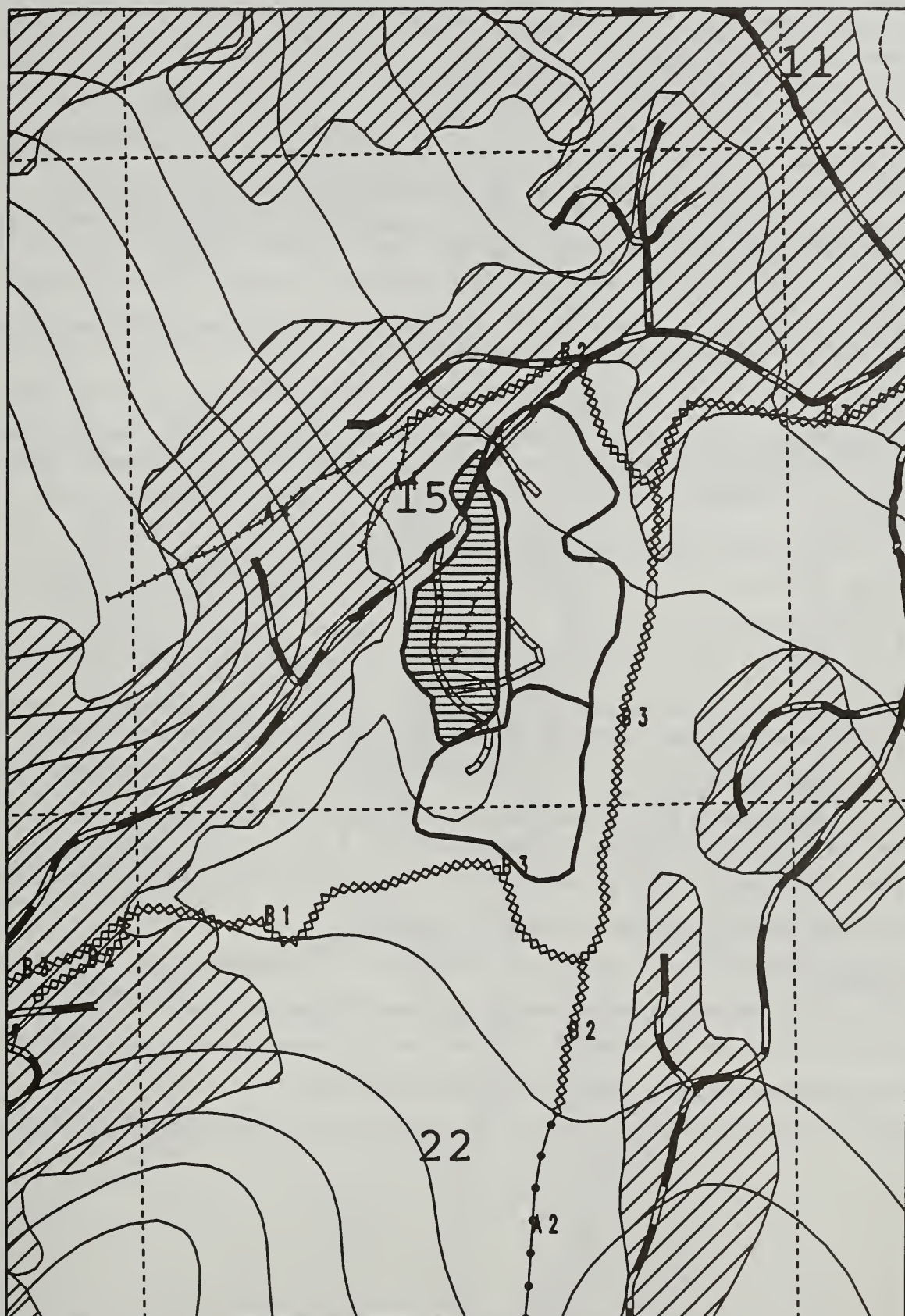
CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 584-220



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-220</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>29</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>657</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290127</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 29 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 23 acres High 0 acres Very High 0 acres

SOILS

This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19. Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Sal Creek) as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

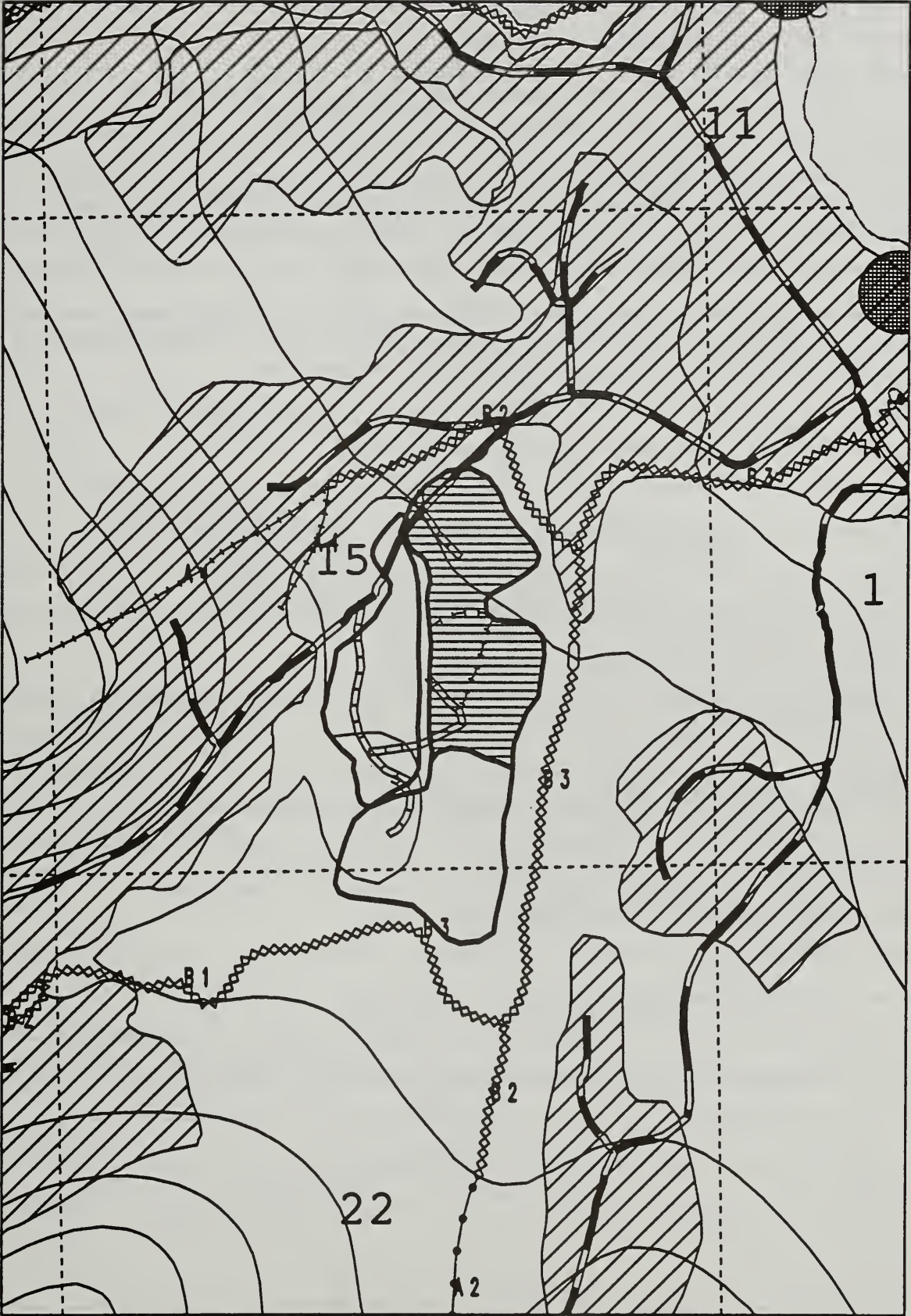
There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 584-220

B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-220 B</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>44</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>951</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290003</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 24 acres VC5 13 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 32 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit contains unclassified streams.

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Sal Creek)  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

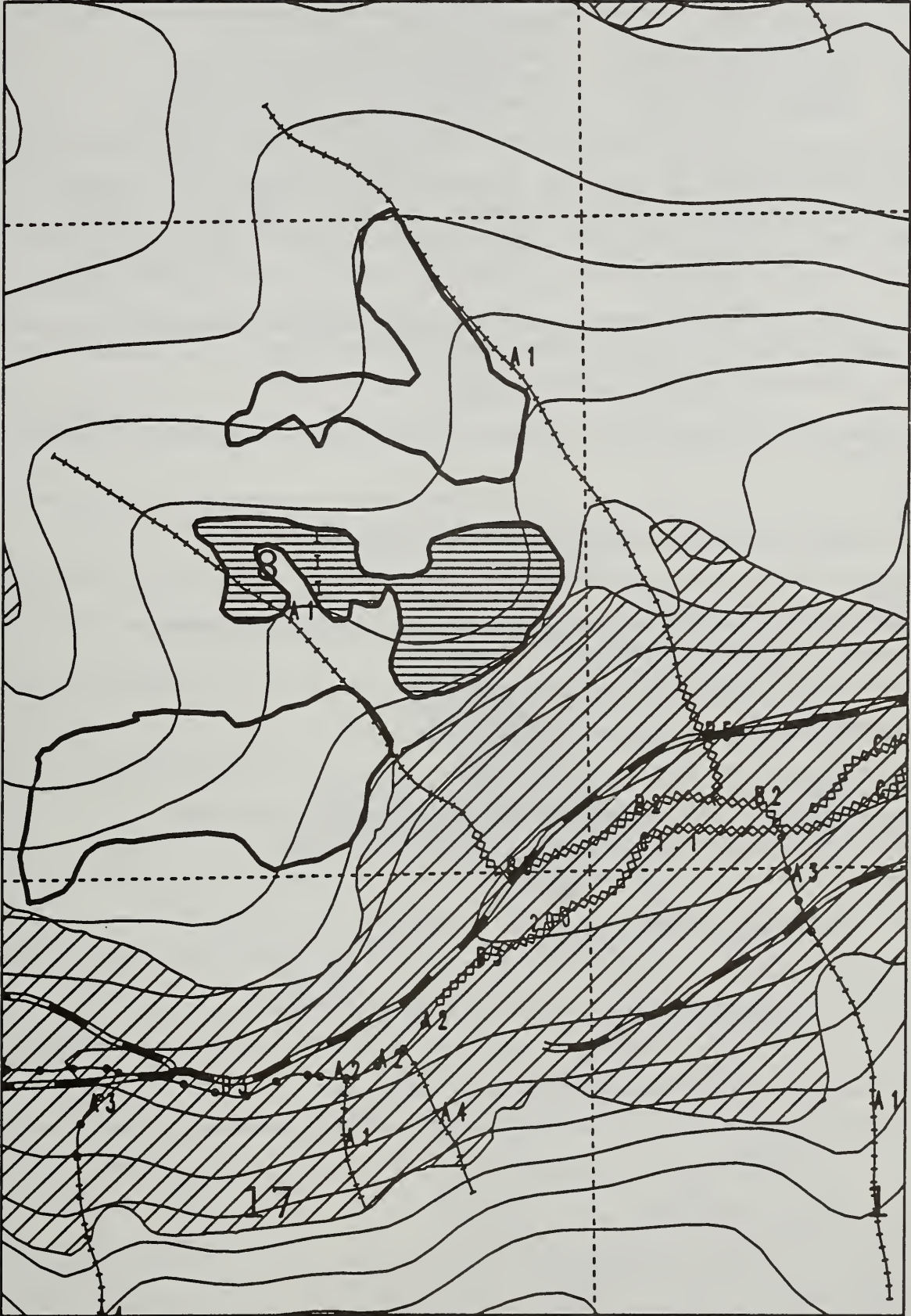
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 584-226



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-226</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>49</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1083</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990195</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 39 acres VC5 7 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 2 acres 800-1200 ft. 47 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 38 acres Medium 11 acres High 0 acres Very High 0 acres

SOILS

This unit contains 21 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains aA1 class 3 stream. No specific buffer required, but full suspension, if yarding across. This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Sal Creek) as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 584-227



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-227</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>57</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1182</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990195</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 54 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 17 acres 1200-1500 ft. 40 acres over 1500 ft. 1 acres  
Mass movement index: Low 53 acres Medium 4 acres High 0 acres Very High 0 acres

SOILS

This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Sal Creek) as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

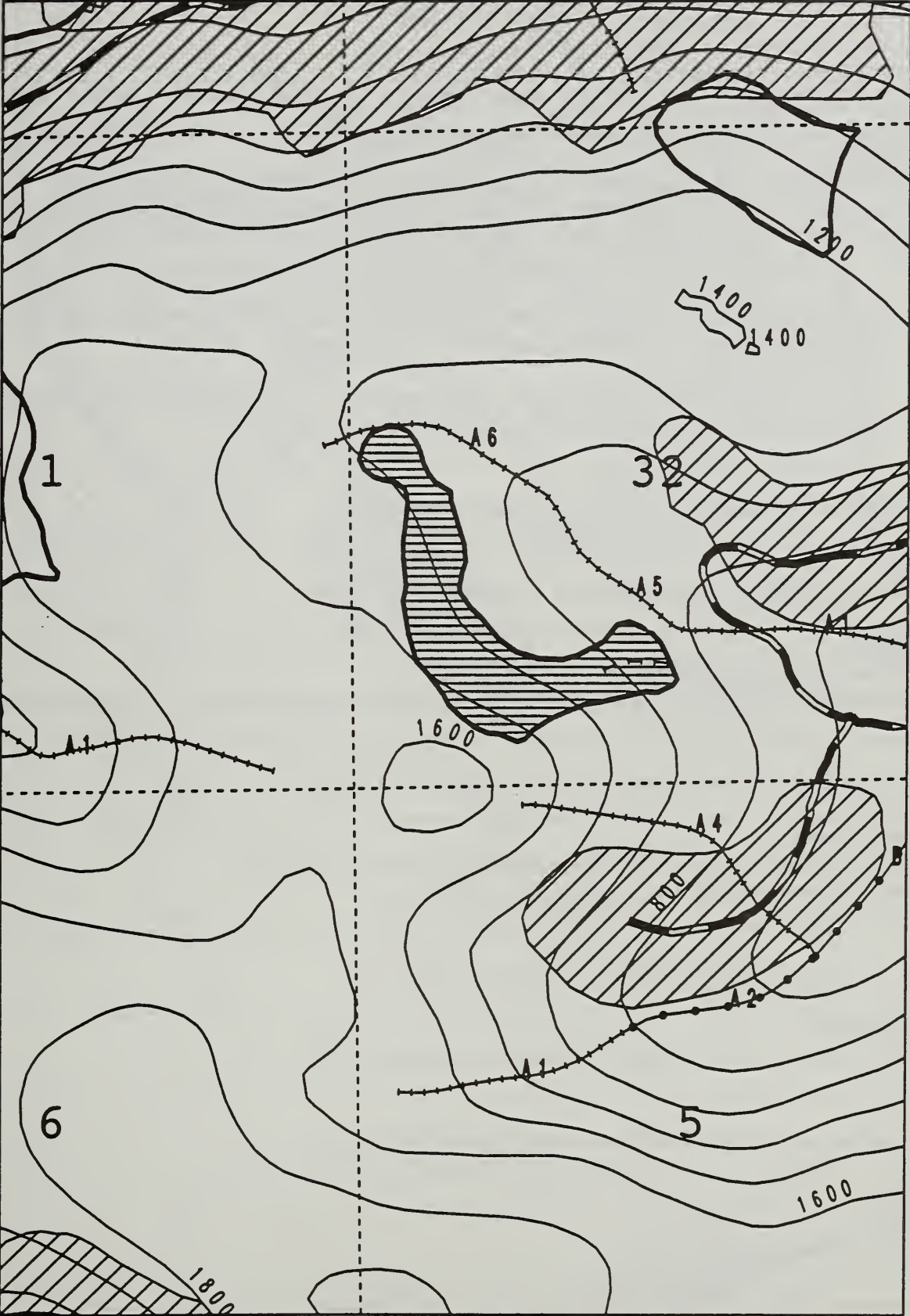
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 584-239



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-239</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>43</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1224</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990193</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 28 acres 1200-1500 ft. 15 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 18 acres High 19 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Little Ratz Harbor  
as viewed from ferry/cruise ship route (2 miles off shore).

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

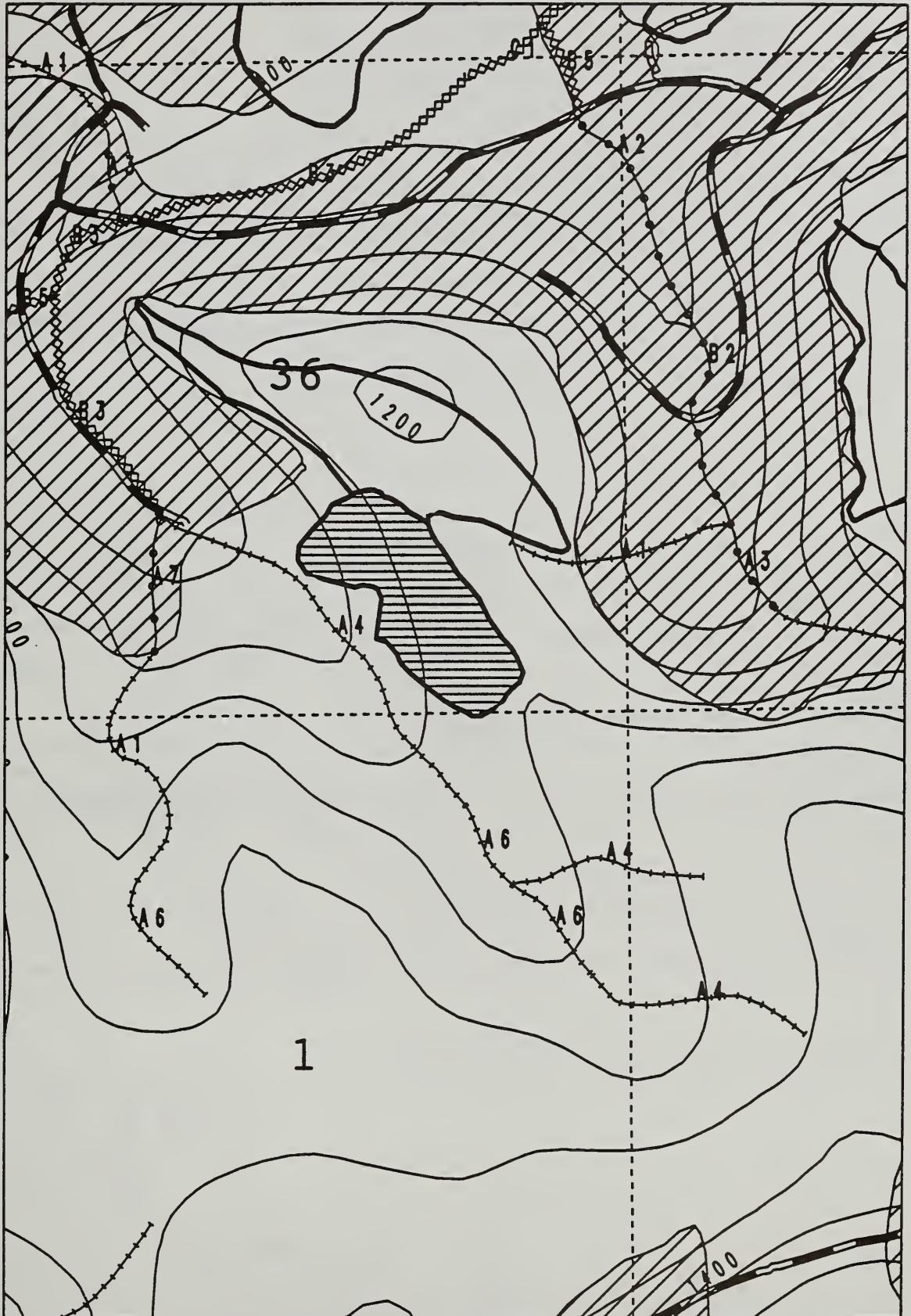
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 584-245



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-245</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>35</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1082</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090091</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 33 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 2 acres 800-1200 ft. 33 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 5 acres High 15 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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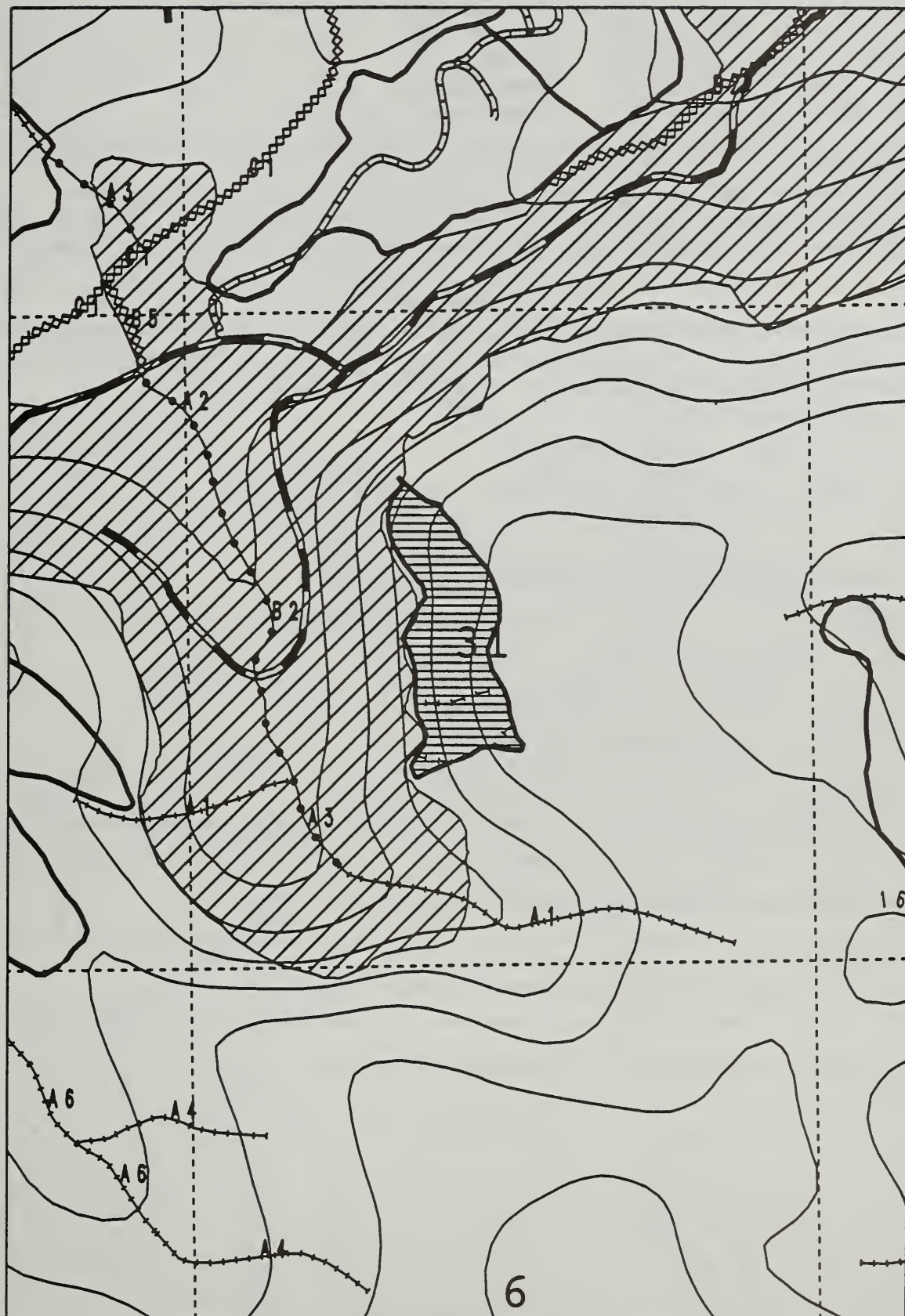
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 584-248



- |                |                              |
|----------------|------------------------------|
| — — — — —      | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○○○       | CLASS 1 STREAM               |
| ●●●●●●         | CLASS 2 STREAM               |
| ——+——+——+——+—— | CLASS 3 STREAM               |
| —————          | EXISTING ROADS               |
| ——+——+——+——+—— | ALTERNATIVE ROAD             |
| —————          | CONTOUR LINE                 |
| - - - - -      | SECTION LINE                 |



- |                |               |
|----------------|---------------|
| —————          | UNIT          |
| ○○○○○○○○       | EAGLE NEST    |
| ——+——+——+——+—— | PRIOR HARVEST |
| —————          | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-248</u>	Alternatives considered <u>2 3</u>
Planned acres <u>32</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>983</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090091</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 30 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 5 acres 1200-1500 ft. 22 acres over 1500 ft. 4 acres  
Mass movement index: Low 11 acres Medium 0 acres High 21 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 2 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

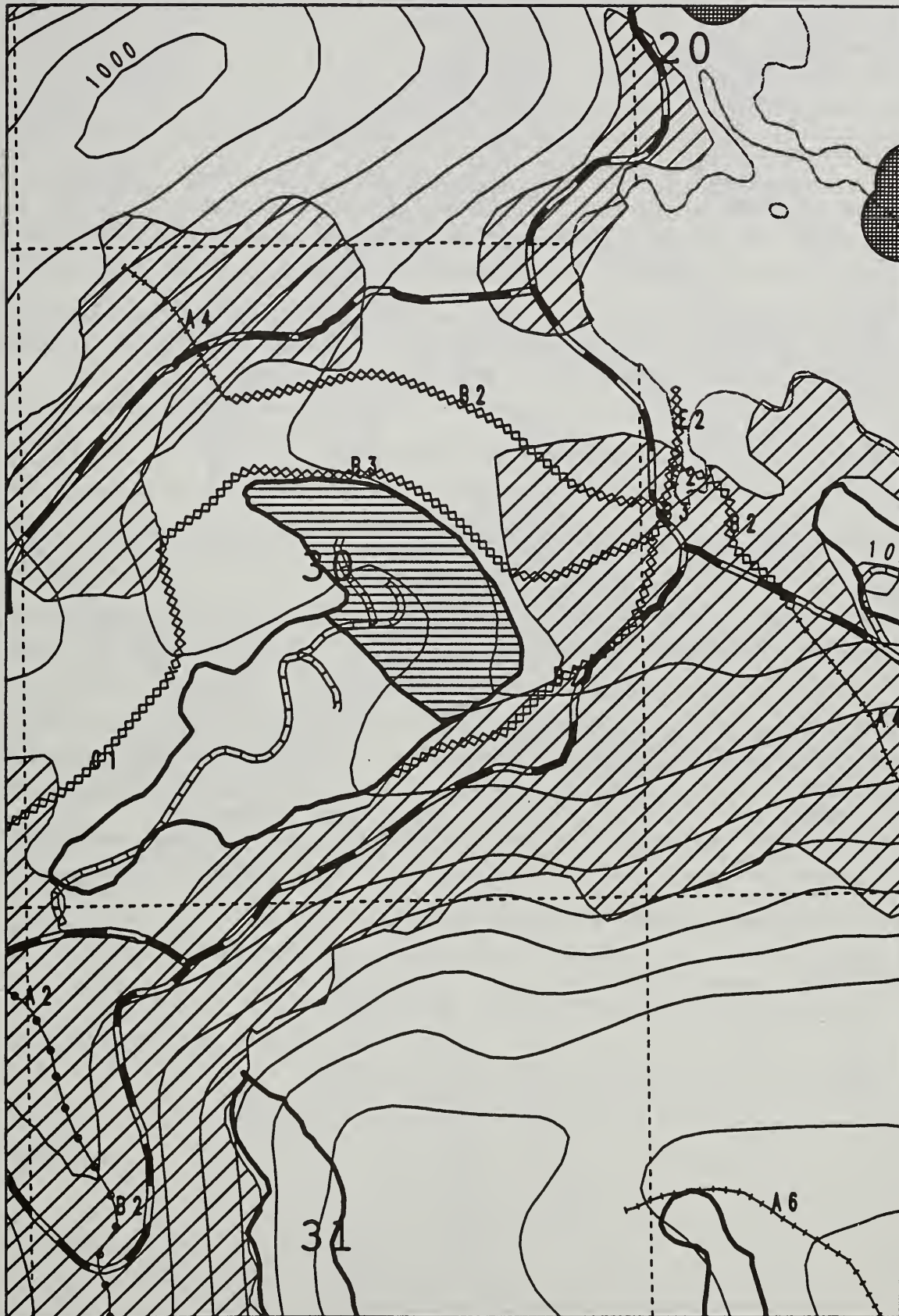
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 584-250



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-250</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>52</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1650</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990192</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 5 acres VC5 47 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 52 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 10 acres High 17 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 33 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

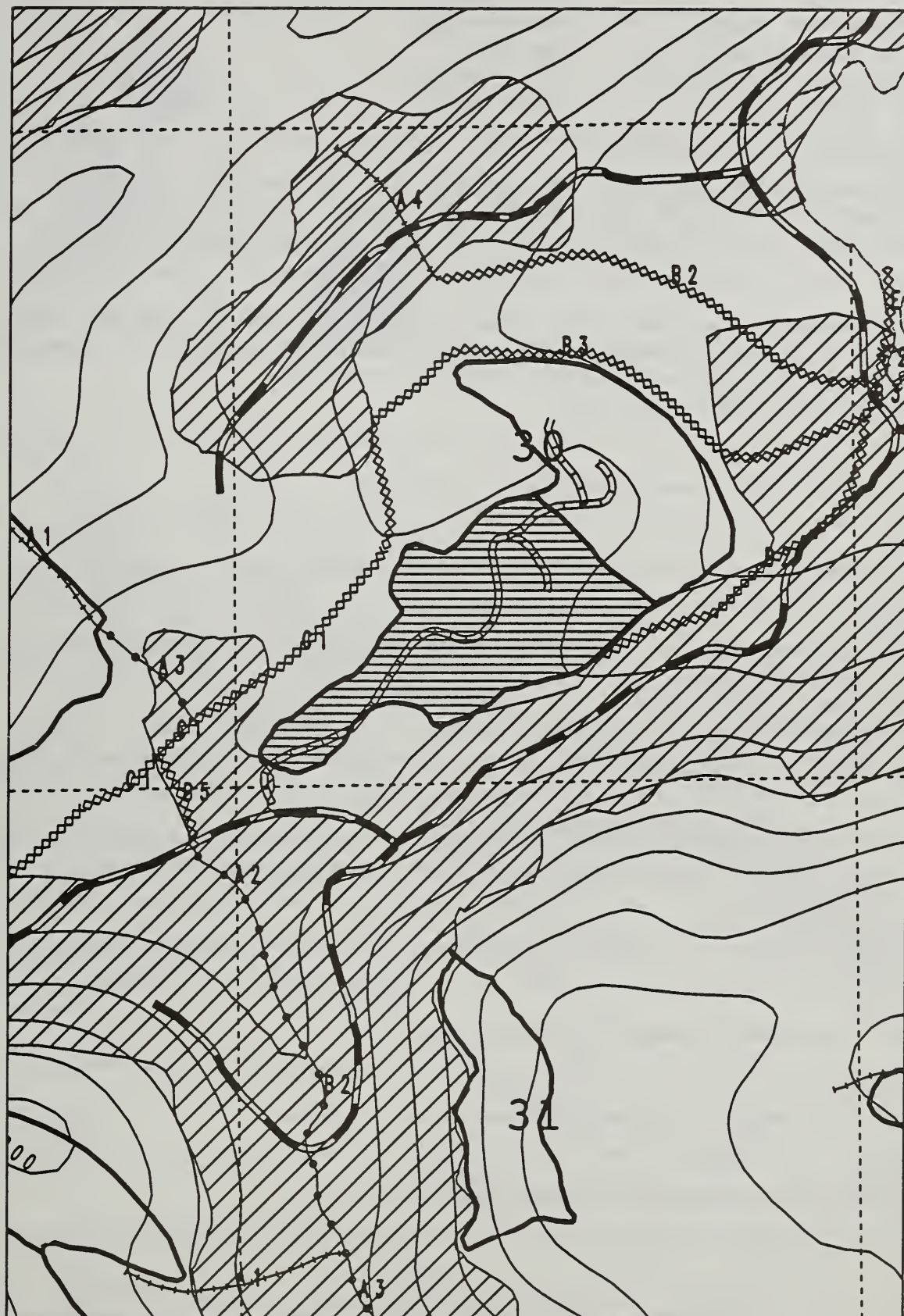
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 584 251



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-251</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>67</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1445</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090092</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 63 acres VC5 2 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 67 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 36 acres Medium 2 acres High 29 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 47 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

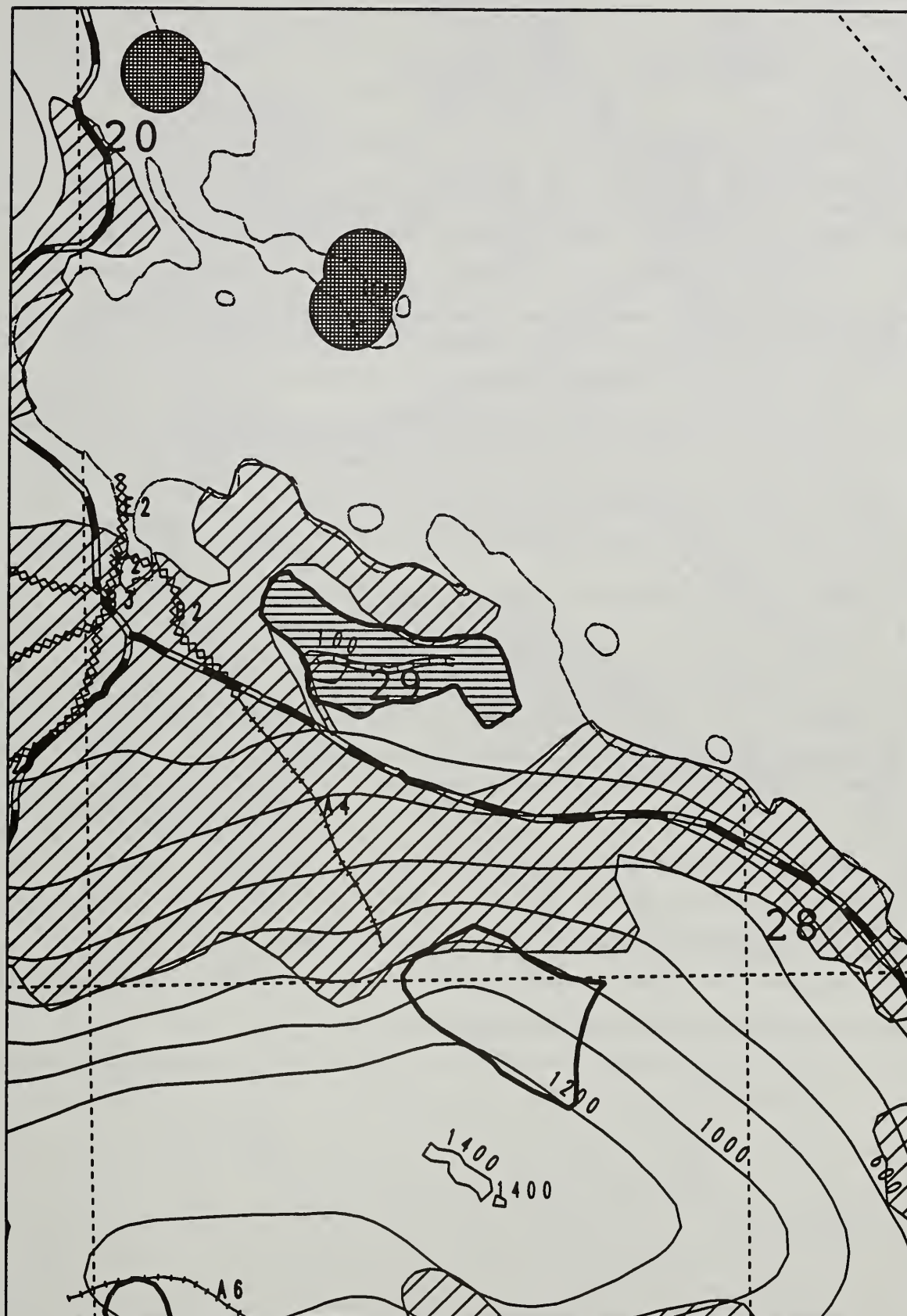
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 584-252



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ----  | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ----- | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ----- | EAGLE NEST    |
| ----- | PRIOR HARVEST |
| ----- | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-252</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>27</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>885</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990192</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 27 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 3 acres High 0 acres Very High 0 acres

SOILS

This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Little Ratz Harbor as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

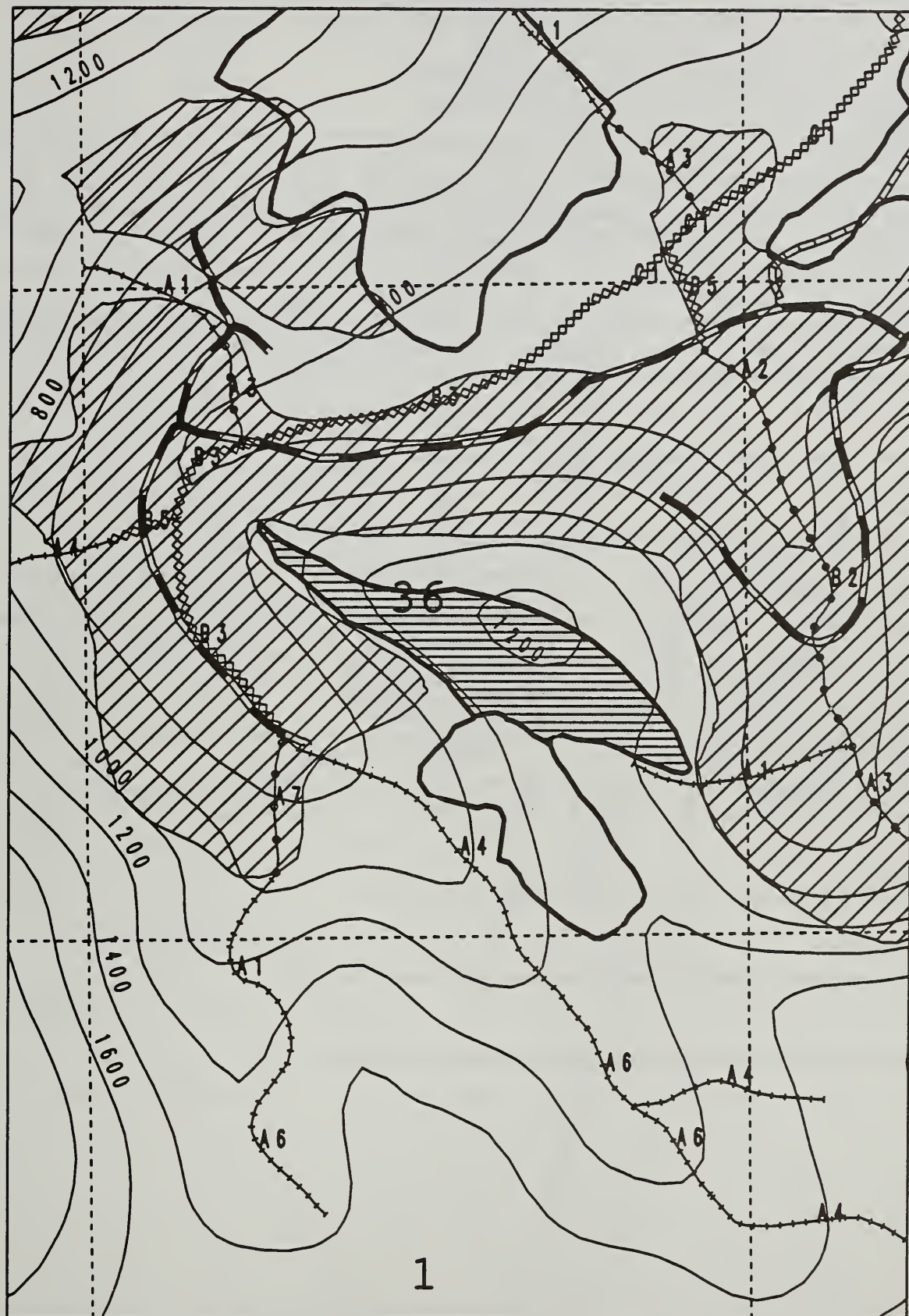
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 584-254



- |           |                              |
|-----------|------------------------------|
| —+—+—+—   | UNCLASS. STREAM WITHIN UNITS |
| —x—x—x—x— | CLASS 1 STREAM               |
| —o—o—o—o— | CLASS 2 STREAM               |
| —+—+—+—+— | CLASS 3 STREAM               |
| —+—+—+—+— | EXISTING ROADS               |
| —+—+—+—+— | ALTERNATIVE ROAD             |
| —+—+—+—+— | CONTOUR LINE                 |
| —+—+—+—+— | SECTION LINE                 |



- |           |               |
|-----------|---------------|
| —+—+—+—+— | UNIT          |
| —x—x—x—x— | EAGLE NEST    |
| —+—+—+—+— | PRIOR HARVEST |
| —+—+—+—+— | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-254</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>47</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>1192</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090091</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 21 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 37 acres 1200-1500 ft. 10 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 0 acres High 41 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Little Ratz Harbor as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

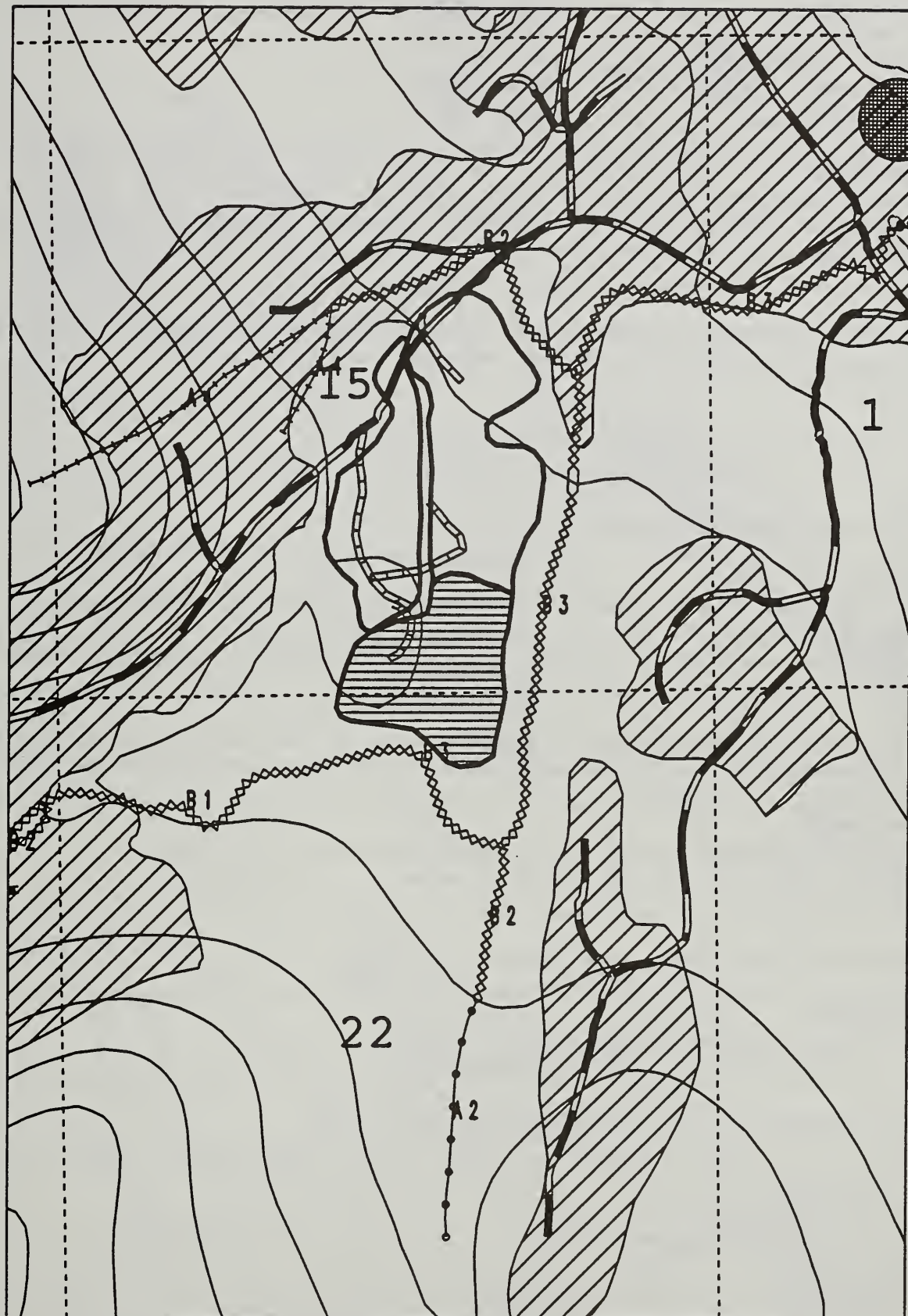
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 584-263



- — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- — ● — CLASS 2 STREAM
- — — — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-263</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>33</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>842</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290003</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 11 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 33 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 14 acres High 2 acres Very High 0 acres

SOILS

This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Clarence Strait (Sal Creek) as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

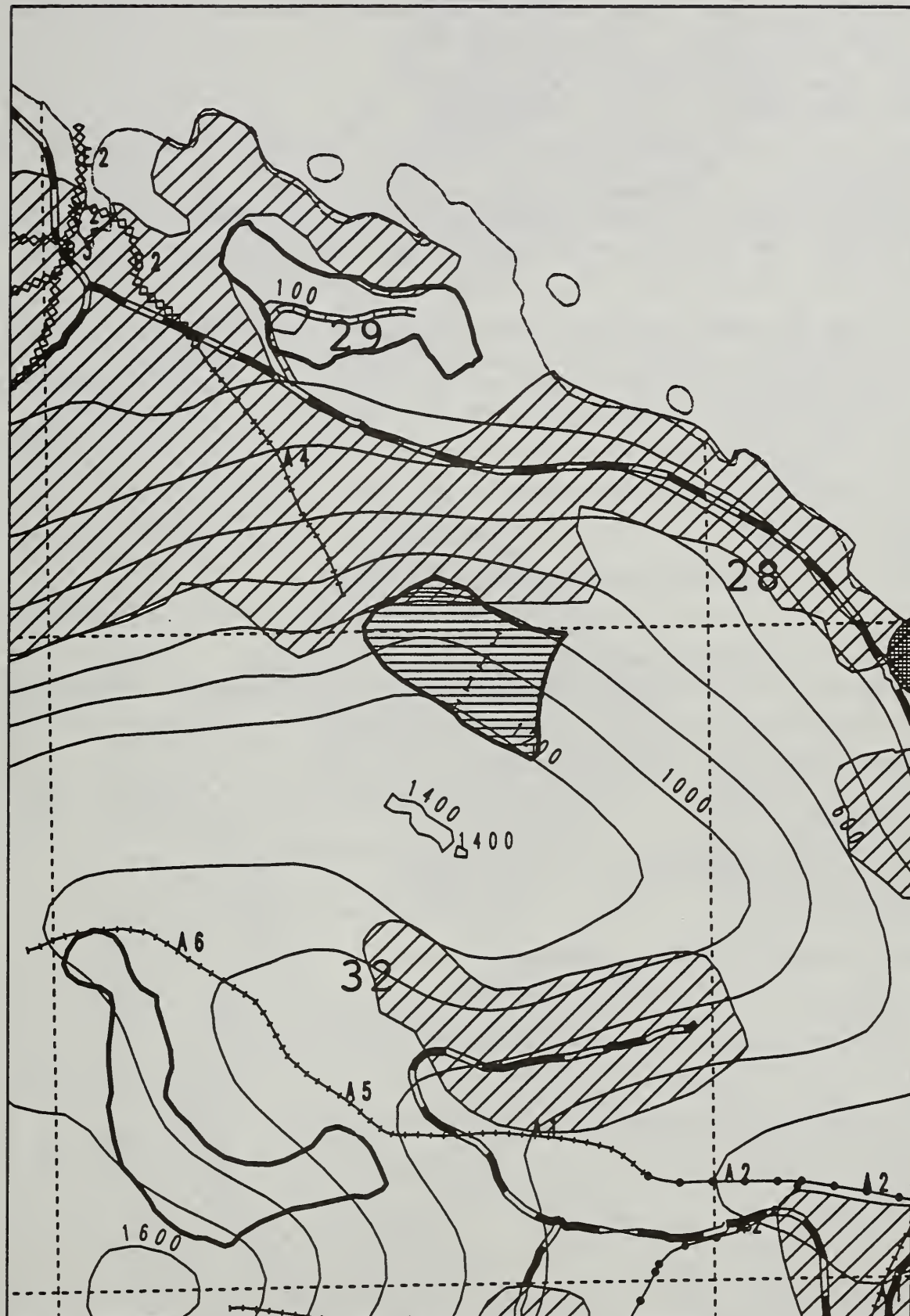
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 584-267



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- ▲ CLASS 3 STREAM
- EXISTING ROADS
- - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-267</u>	Alternatives considered <u>2 3</u>
Planned acres <u>29</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>765</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990193</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 25 acres 1200-1500 ft. 3 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 0 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQ0 of M within the viewshed of Little Ratz Harbor  
as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

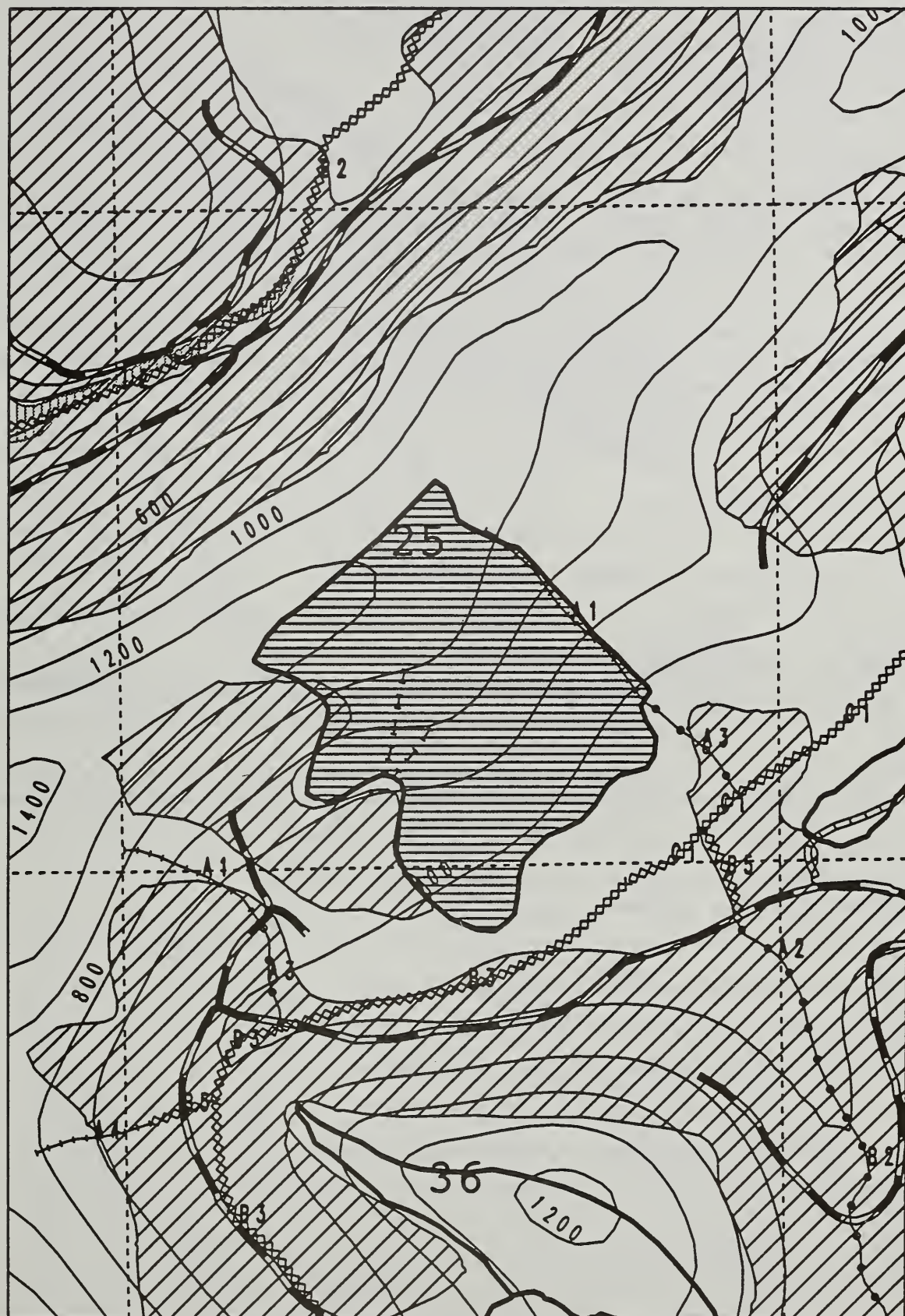
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 584-272



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>584-272</u>	Alternatives considered <u>2 3</u>
Planned acres <u>140</u>	Quad <u>CRGD2SWN</u>
Estimated volume (mbf) <u>4142</u>	Mgmt Area <u>K09</u>
Logging system <u>Helicopter</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090092</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 109 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 82 acres 800-1200 ft. 49 acres 1200-1500 ft. 9 acres over 1500 ft. 0 acres  
Mass movement index: Low 55 acres Medium 21 acres High 64 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 77 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 26 acres of slopes > 75%.

TIMBER

Potentially very low volume per acre.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Little Ratz Harbor as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

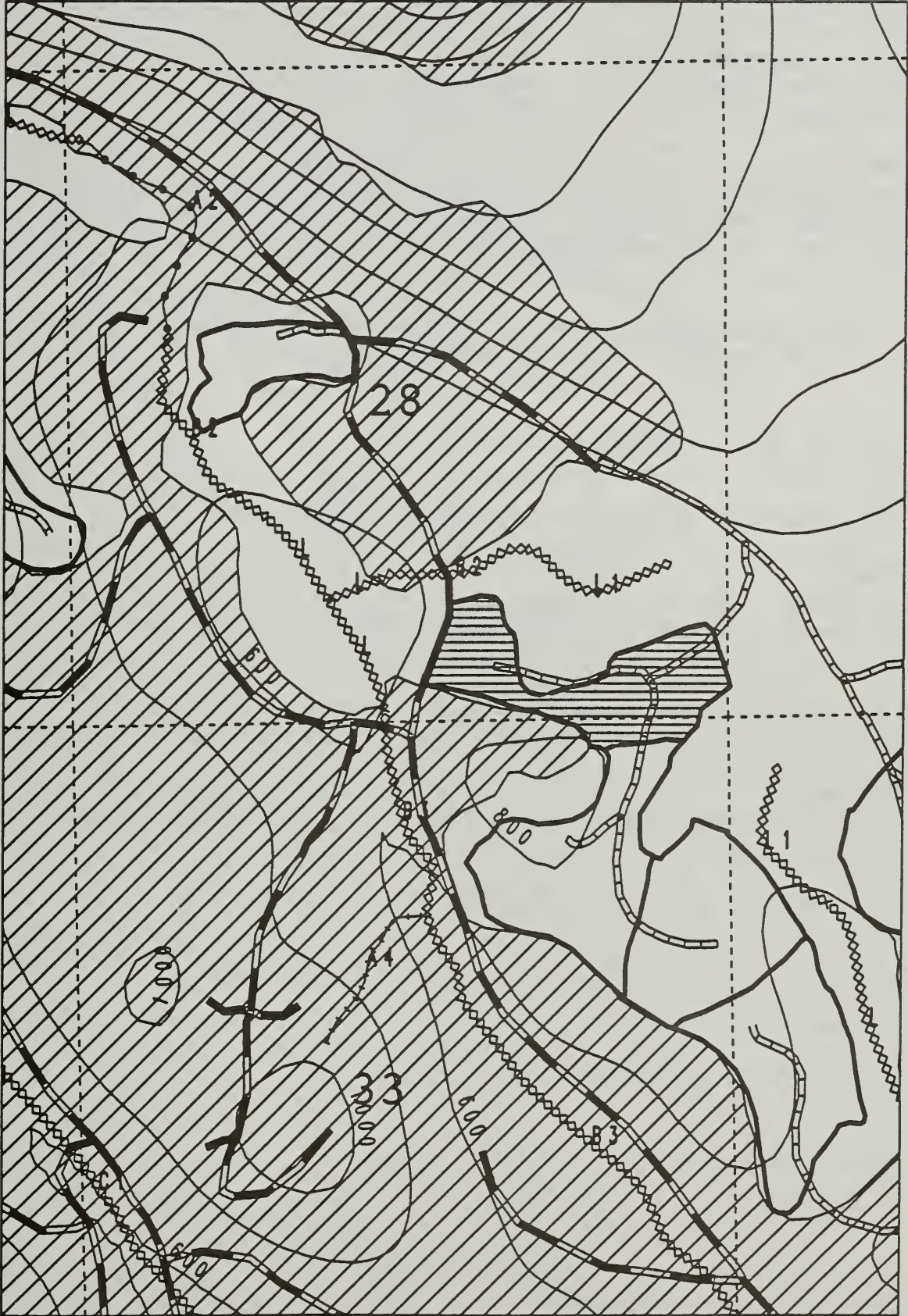
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 585-201



- UNCLASS. STREAM WITHIN UNITS
- ... CLASS 1 STREAM
- ... CLASS 2 STREAM
- ... CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-201</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>32</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>940</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290125</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 22 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 23 acres Medium 9 acres High 0 acres Very High 0 acres

SOILS

This unit contains 13 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

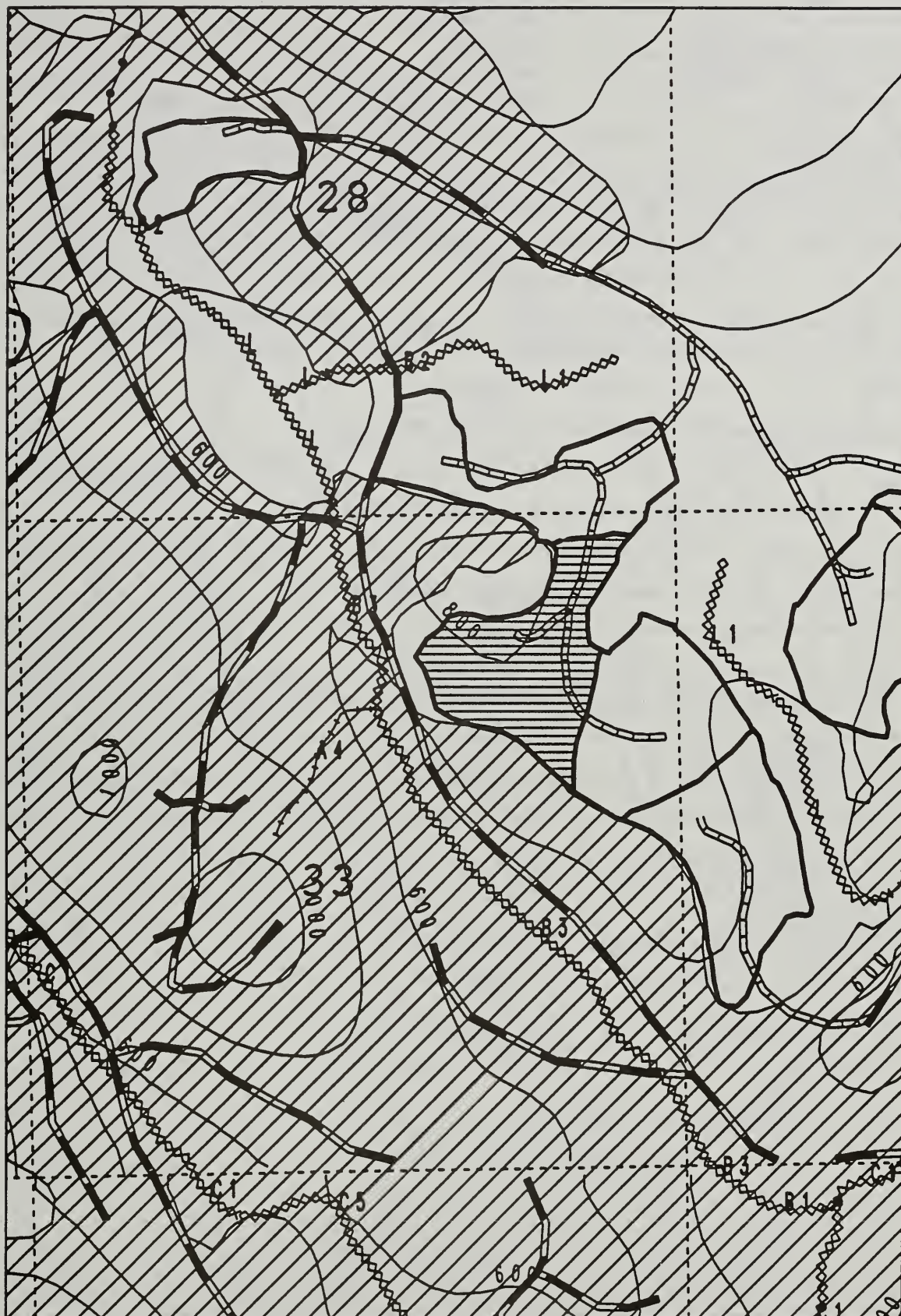
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 585-202



- — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ CLASS 1 STREAM
- ● ● ● CLASS 2 STREAM
- — — — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-202</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>37</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>919</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 27 acres VC5 10 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 5 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 16 acres High 0 acres Very High 0 acres

SOILS

This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

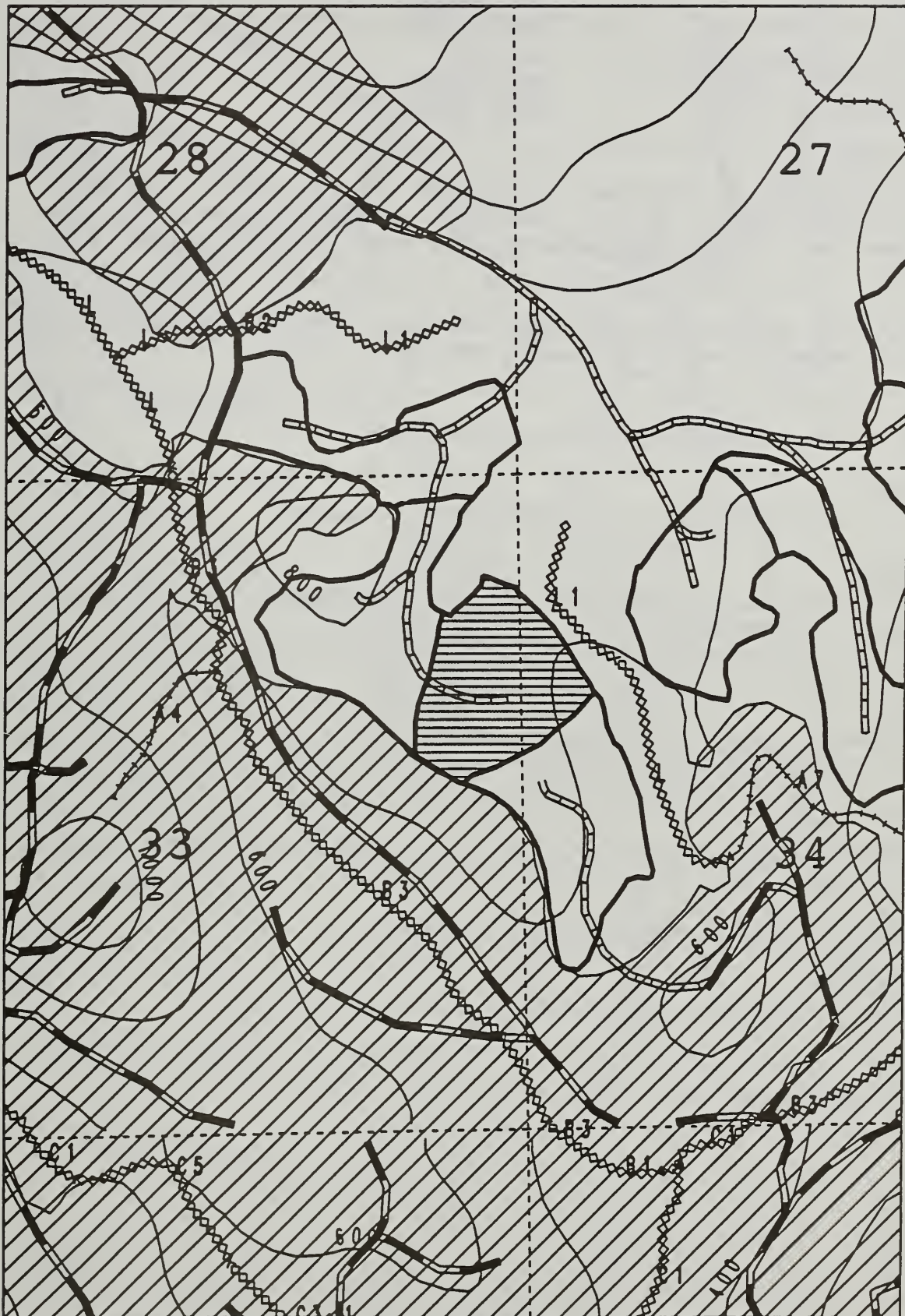
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 585-203



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ○ ○ ○ ○ ○     | CLASS 1 STREAM               |
| ● — ● — ● — ● | CLASS 2 STREAM               |
| — — — — —     | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-203</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>35</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>842</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290125</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 25 acres VC5 9 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 9 acres High 0 acres Very High 0 acres

SOILS

This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 585-204



- |               |                              |
|---------------|------------------------------|
| — · — · — · — | UNCLASS. STREAM WITHIN UNITS |
| — x — x — x — | CLASS 1 STREAM               |
| — · — · — · — | CLASS 2 STREAM               |
| — x — x — x — | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| - - - - -     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ▩ | EAGLE NEST    |
| ▧ | PRIOR HARVEST |
| ▦ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-204</u>	Alternatives considered <u>4</u>
Planned acres <u>35</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>864</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290125</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 11 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 5 acres High 1 acres Very High 0 acres

SOILS

This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

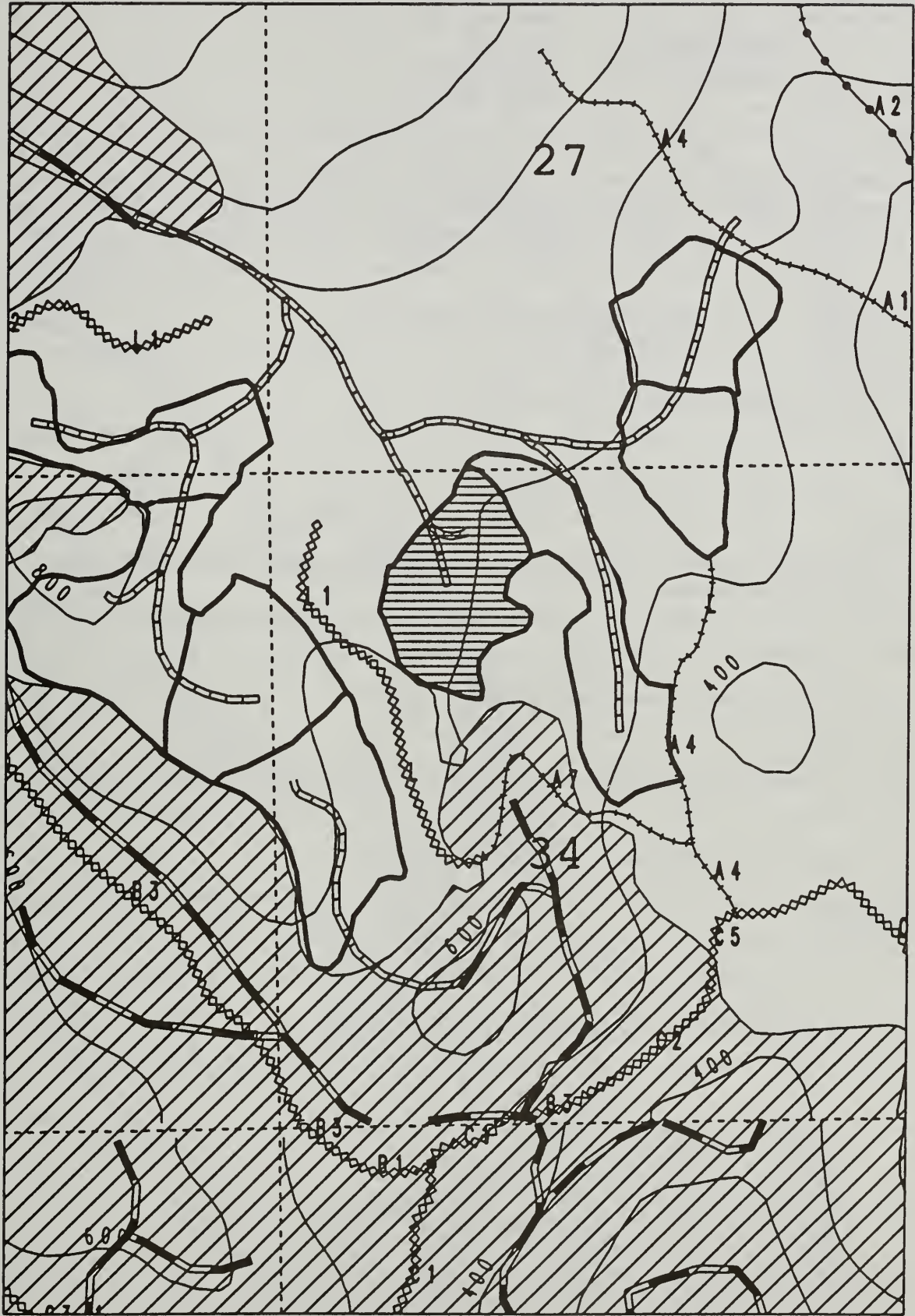
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 585-206



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-206</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>32</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>984</u>	Mgmt Area <u>K09</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290125</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 28 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 27 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

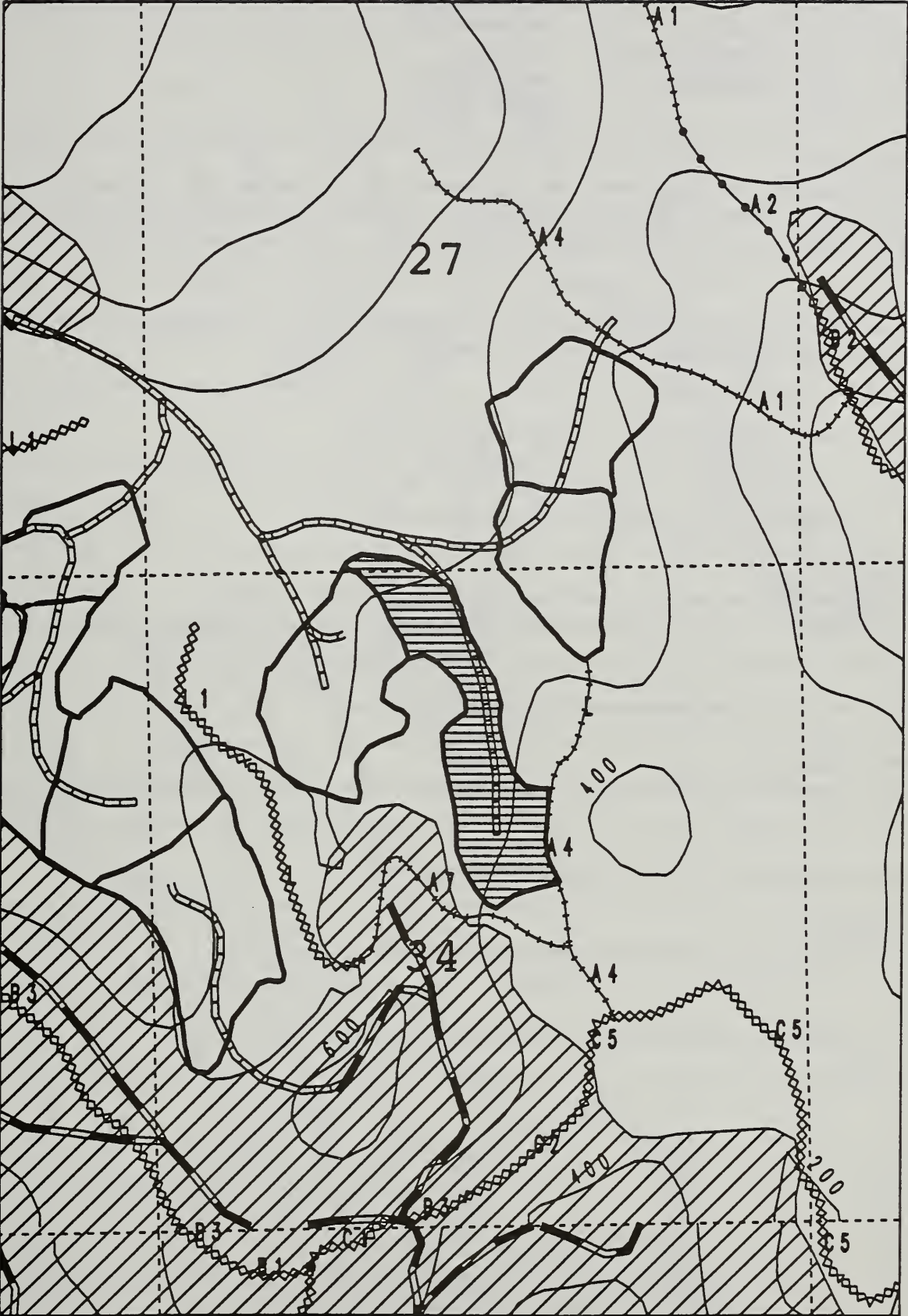
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 585-208



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-208</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>35</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>799</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290125</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 7 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 16 acres High 0 acres Very High 0 acres

SOILS

This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

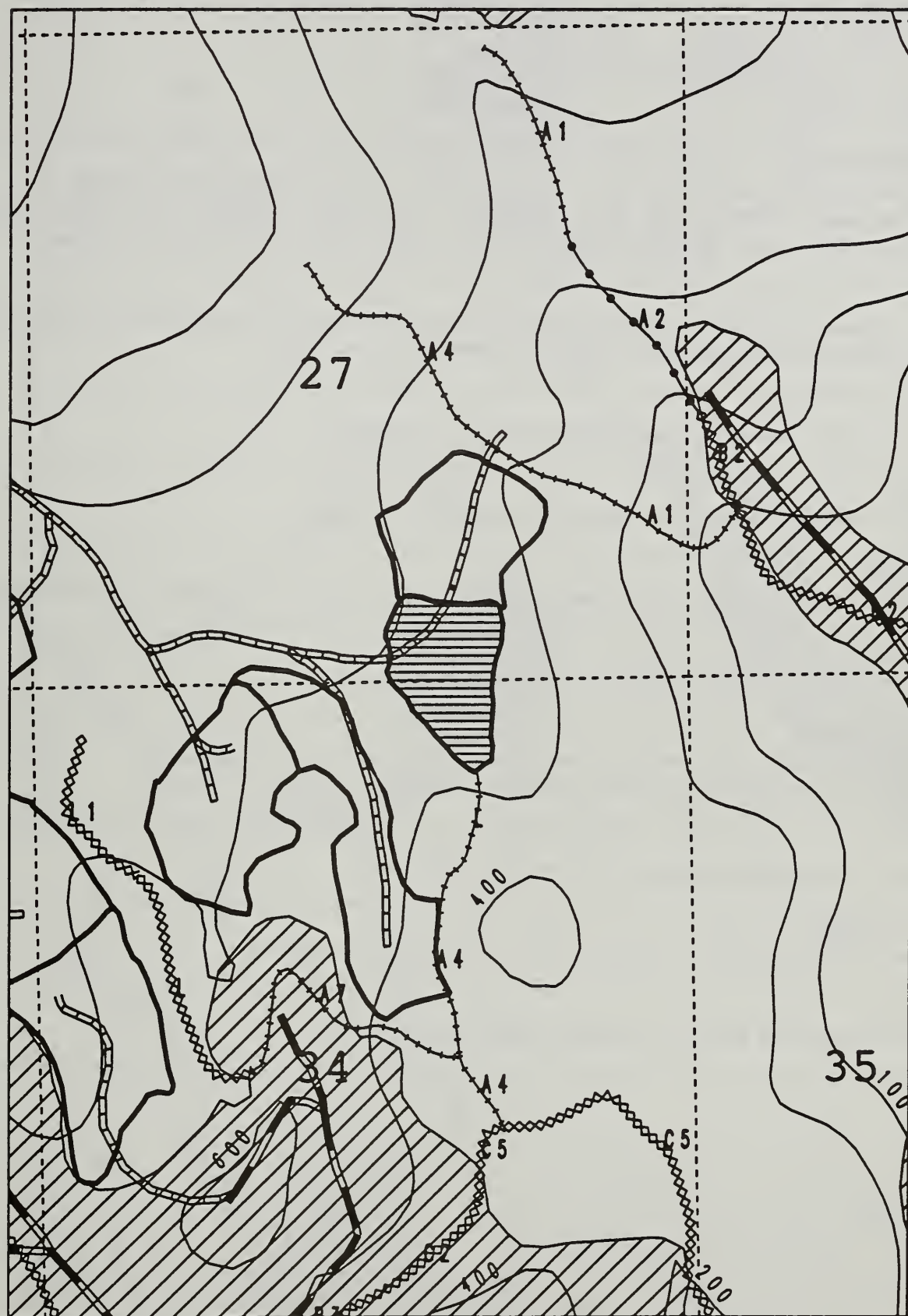
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 585-210



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- ×××× CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-210</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>21</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>460</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290125</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 21 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Clarence Strait (Sandy Beach) as viewed from ferry/cruise ship route (2 miles off shore).

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

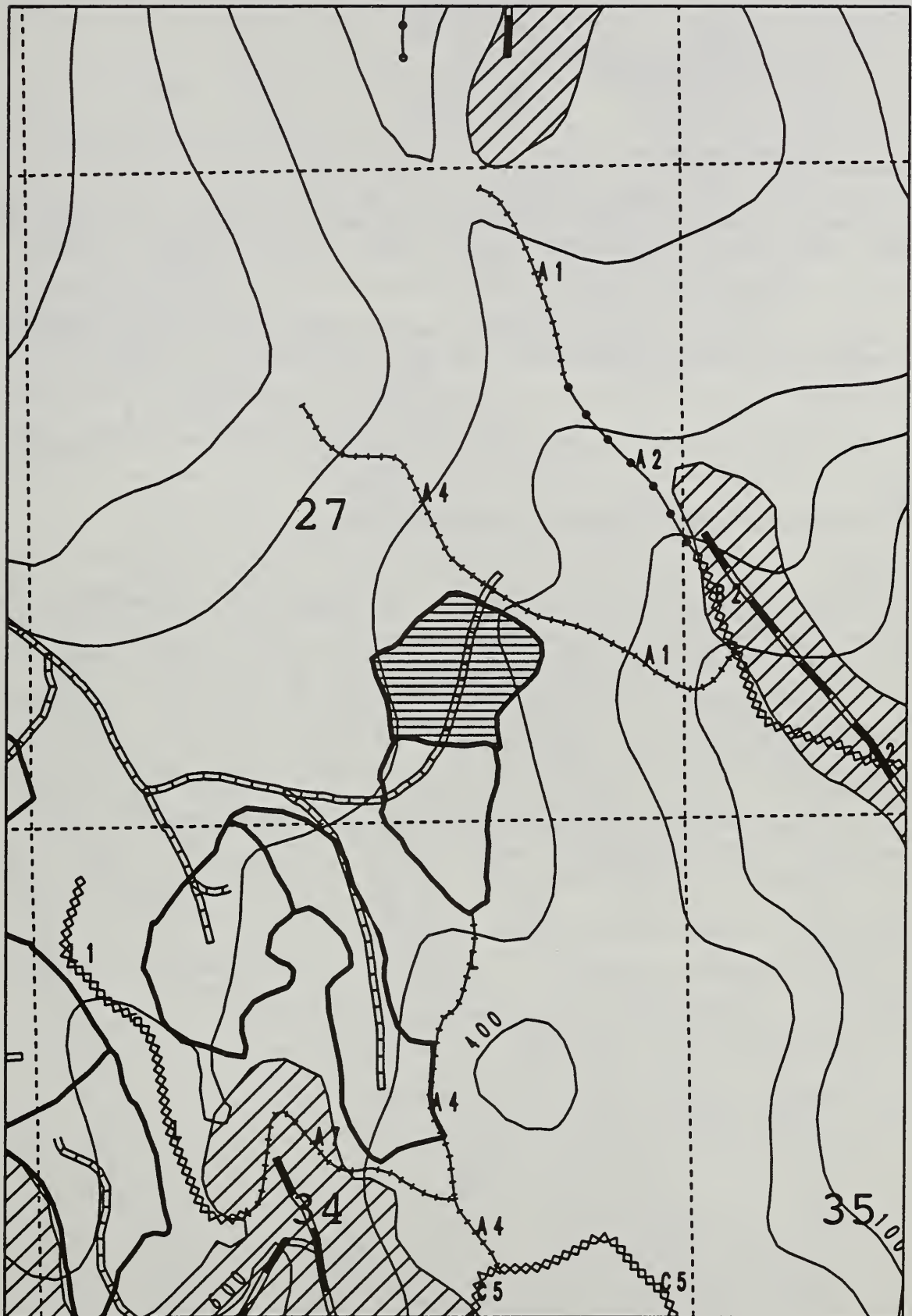
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 585-210

B



- |          |                              |
|----------|------------------------------|
| —+—+—+—  | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○○○ | CLASS 1 STREAM               |
| ●—●—●—●  | CLASS 2 STREAM               |
| —+—+—+—  | CLASS 3 STREAM               |
| —+—+—+—  | EXISTING ROADS               |
| —+—+—+—  | ALTERNATIVE ROAD             |
| —+—+—+—  | CONTOUR LINE                 |
| —+—+—+—  | SECTION LINE                 |

NORTH



- |         |               |
|---------|---------------|
| —+—+—+— | UNIT          |
| ●—●—●—● | EAGLE NEST    |
| —+—+—+— | PRIOR HARVEST |
| —+—+—+— | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 585-210 B Alternatives considered 2 3 4 5  
Planned acres 26 Quad CRGD2SWS  
Estimated volume (mbf) 503 Mgmt Area K09  
Logging system Small skyline uphill/downhill WAA 1315  
Silvicultural system Clearcut Photo 290125  
Forest type Hemlock Aspect East

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 26 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 0 acres High 0 acres Very High 0 acres

---

SOILS

This unit contains 13 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Clarence Strait (Sandy Beach) as viewed from ferry/cruise ship route (2 miles off shore).

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 585-214



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-214</u>	Alternatives considered <u>4</u>
Planned acres <u>15</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>328</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 15 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

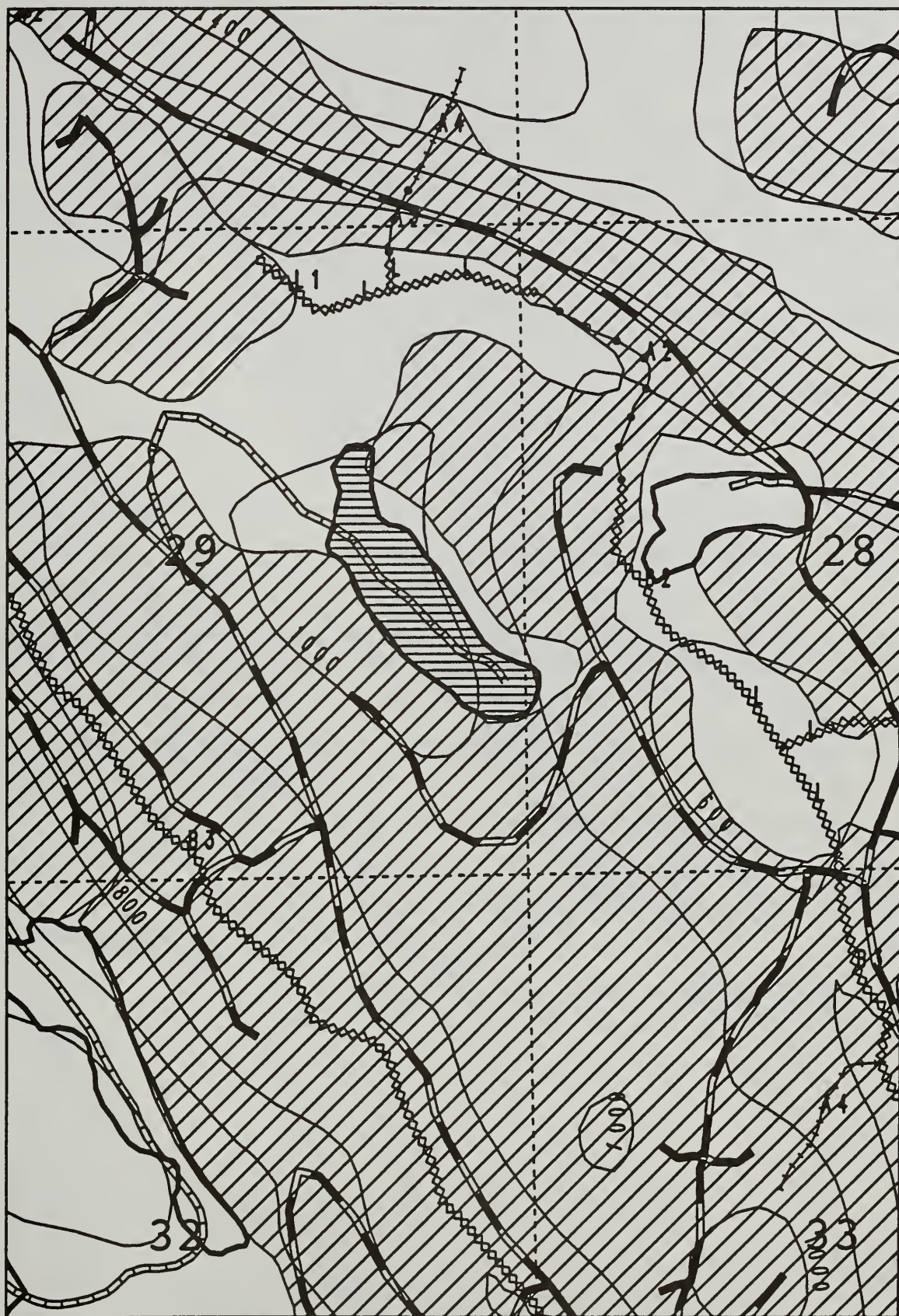
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 585-215



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-215</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>31</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>973</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990199</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 29 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 1 acres 800-1200 ft. 29 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 30 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

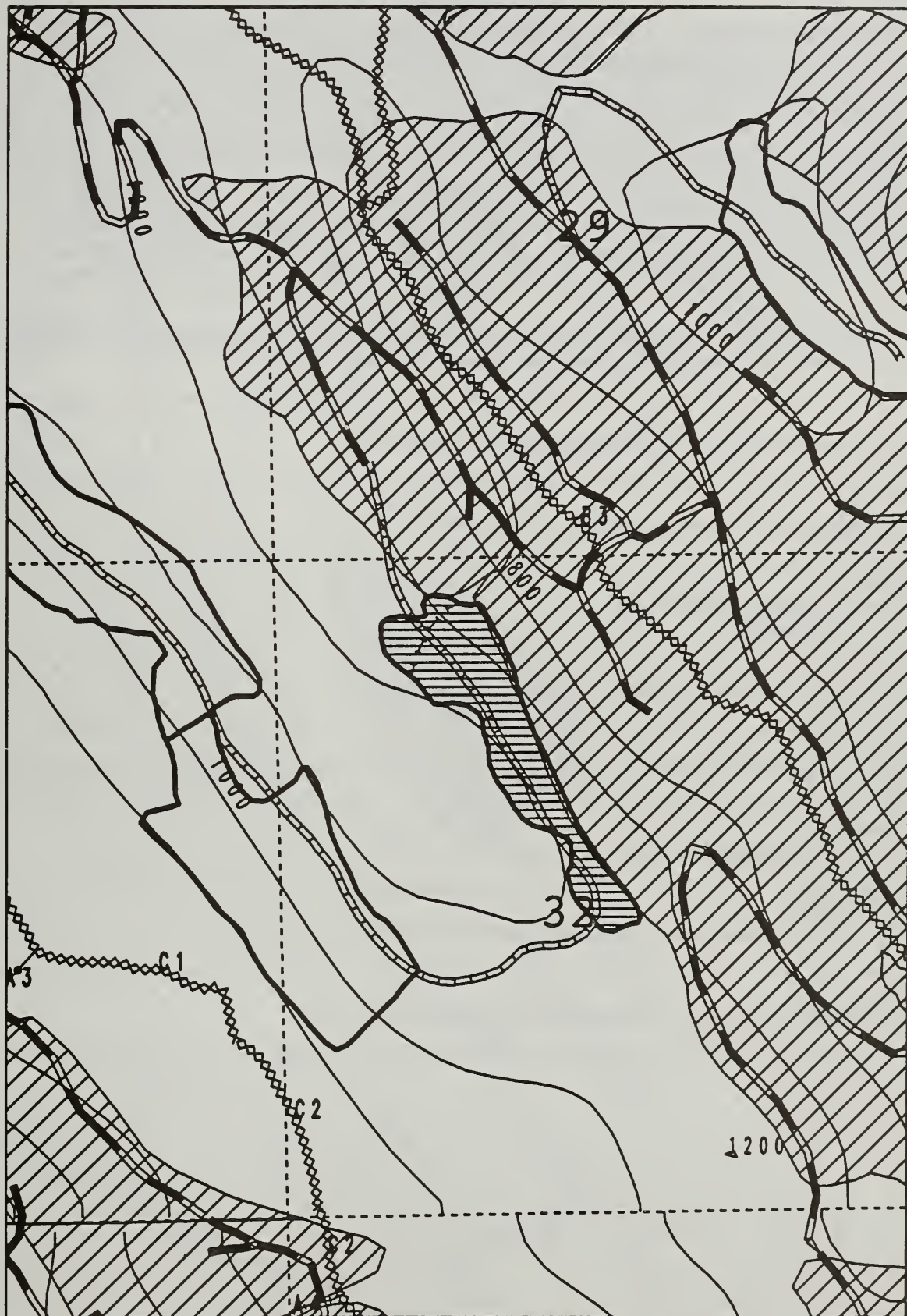
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 585-222



- |           |                              |
|-----------|------------------------------|
| — — — — — | UNCLASS. STREAM WITHIN UNITS |
| ○ ○ ○ ○ ○ | CLASS 1 STREAM               |
| ● — — — ● | CLASS 2 STREAM               |
| — — — — — | CLASS 3 STREAM               |
| — — — — — | EXISTING ROADS               |
| — — — — — | ALTERNATIVE ROAD             |
| — — — — — | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |  |               |
|--|---------------|
|  | UNIT          |
|  | EAGLE NEST    |
|  | PRIOR HARVEST |
|  | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>585-222</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>32</u>	Quad <u>CRGD2SWS</u>
Estimated volume (mbf) <u>831</u>	Mgmt Area <u>K09</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 29 acres 1200-1500 ft. 2 acres over 1500 ft. 0 acres  
Mass movement index: Low 32 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

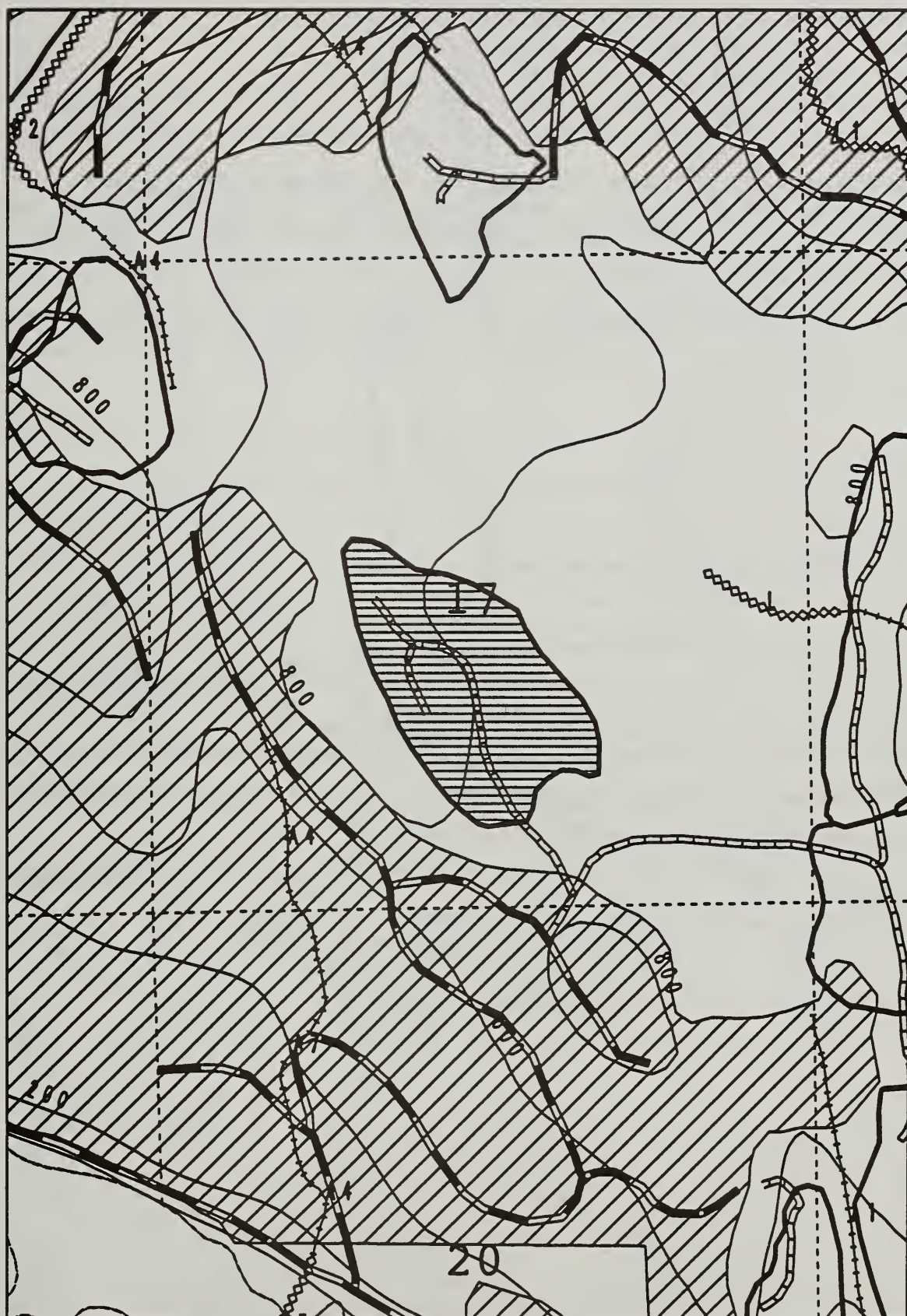
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 586-201



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- === EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIORITY HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-201</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>61</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1487</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>990204</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 61 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 0 acres High 58 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

Potentially very low volume per acre.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

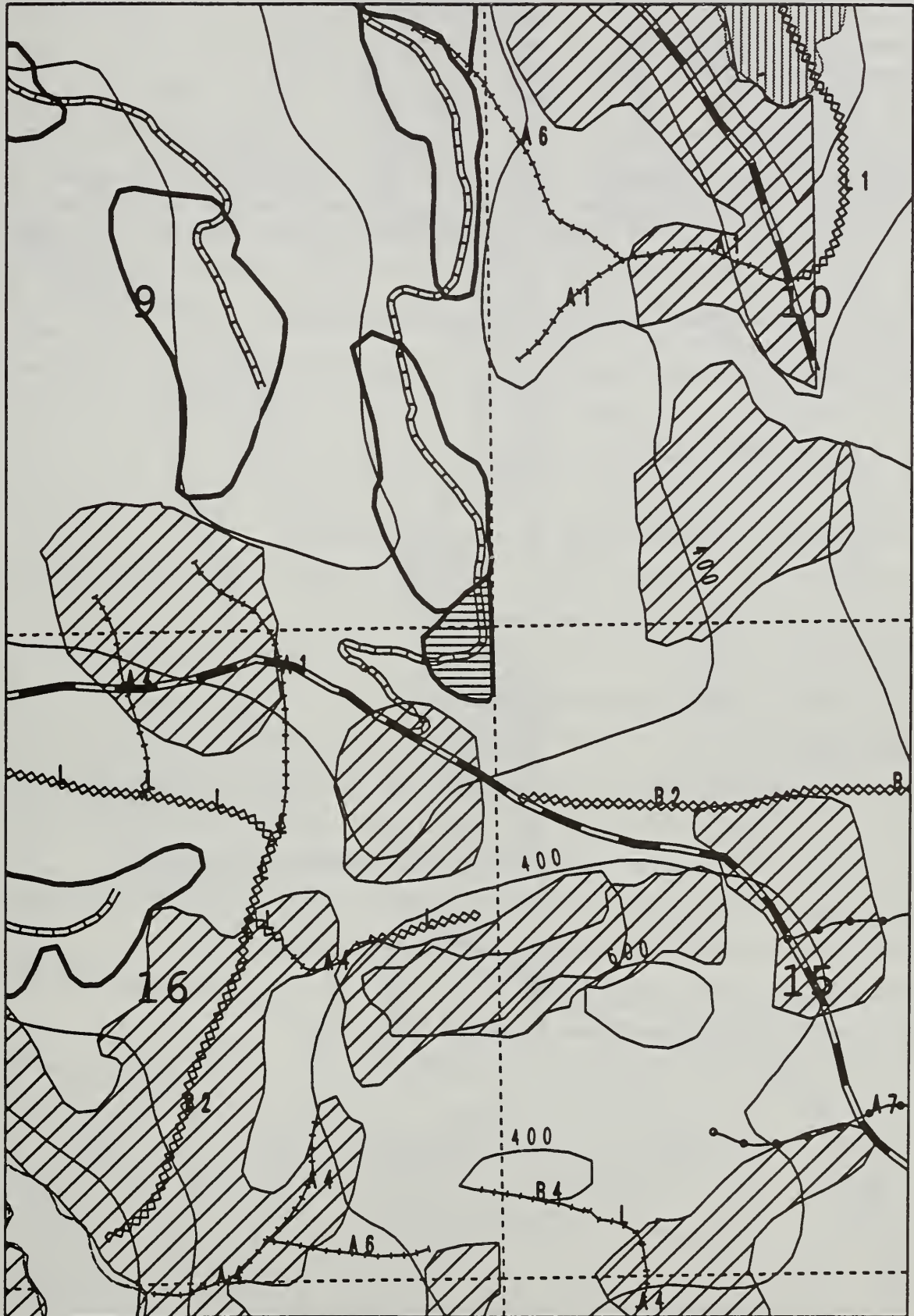
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 586-216



- |          |                              |
|----------|------------------------------|
| —+—+—+—  | UNCLASS. STREAM WITHIN UNITS |
| ⊗⊗⊗⊗⊗    | CLASS 1 STREAM               |
| ●—●—●—●— | CLASS 2 STREAM               |
| —+—+—+—  | CLASS 3 STREAM               |
| —+—+—+—  | EXISTING ROADS               |
| —+—+—+—  | ALTERNATIVE ROAD             |
| —+—+—+—  | CONTOUR LINE                 |
| —+—+—+—  | SECTION LINE                 |

NORTH



- |       |               |
|-------|---------------|
| ⊗⊗⊗⊗⊗ | UNIT          |
| ⊗⊗⊗⊗⊗ | EAGLE NEST    |
| ⊗⊗⊗⊗⊗ | PRIOR HARVEST |
| ⊗⊗⊗⊗⊗ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 586-216

Planned acres 9

Estimated volume (mbf) 284

Logging system Highlead uphill

Silvicultural system Clearcut

Forest type Hemlock

Alternatives considered 2 3 4 5

Quad CRGC2NWS

Mgmt Area K10

WAA 1315

Photo \_\_\_\_\_

Aspect North

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 8 acres VC6 0 acres VC7 0 acres

Elevation breakdown: 0-800 ft. 9 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres

Mass movement index: Low 9 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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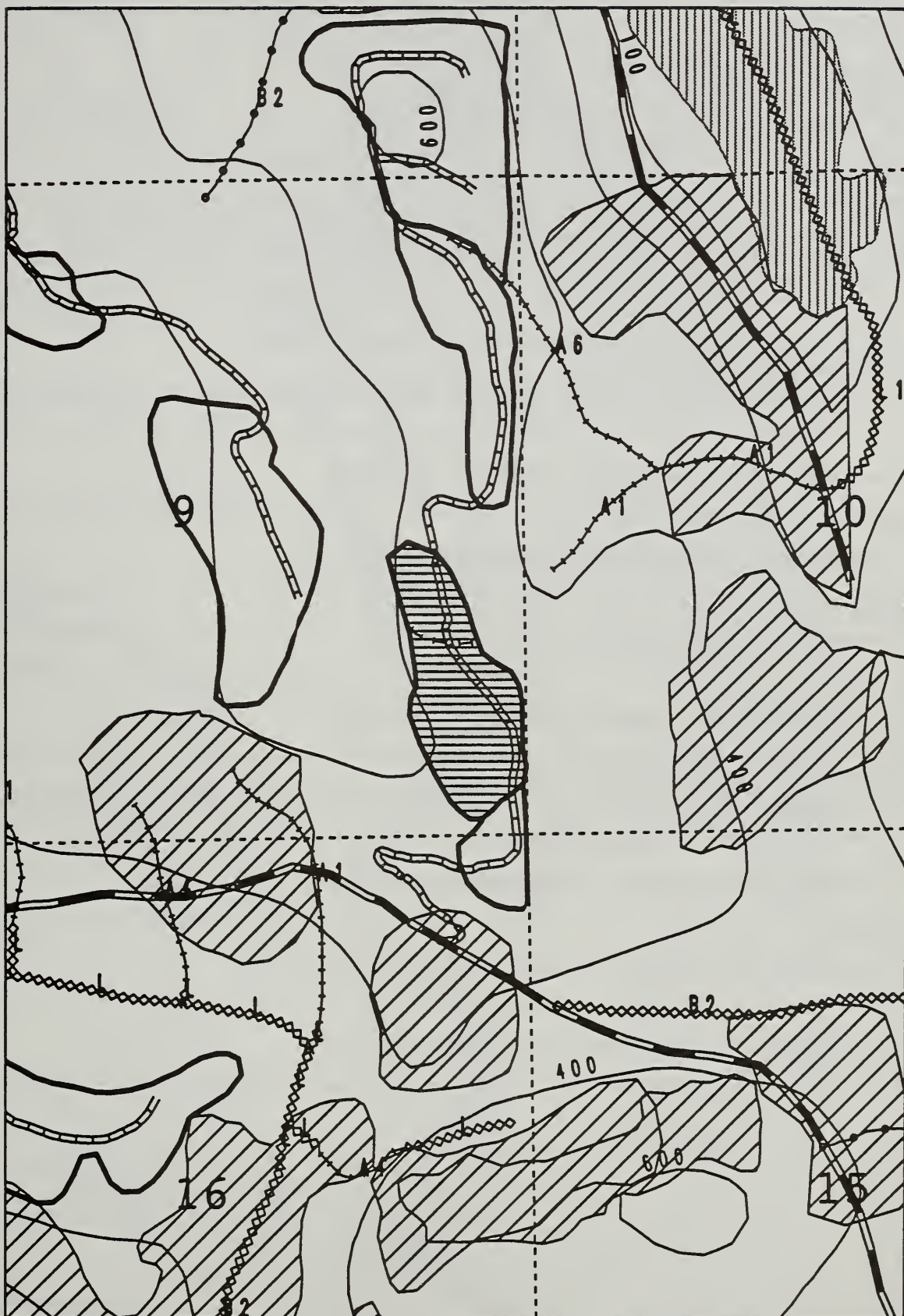
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 586-217



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-217</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>32</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>645</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290115</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 11 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 32 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

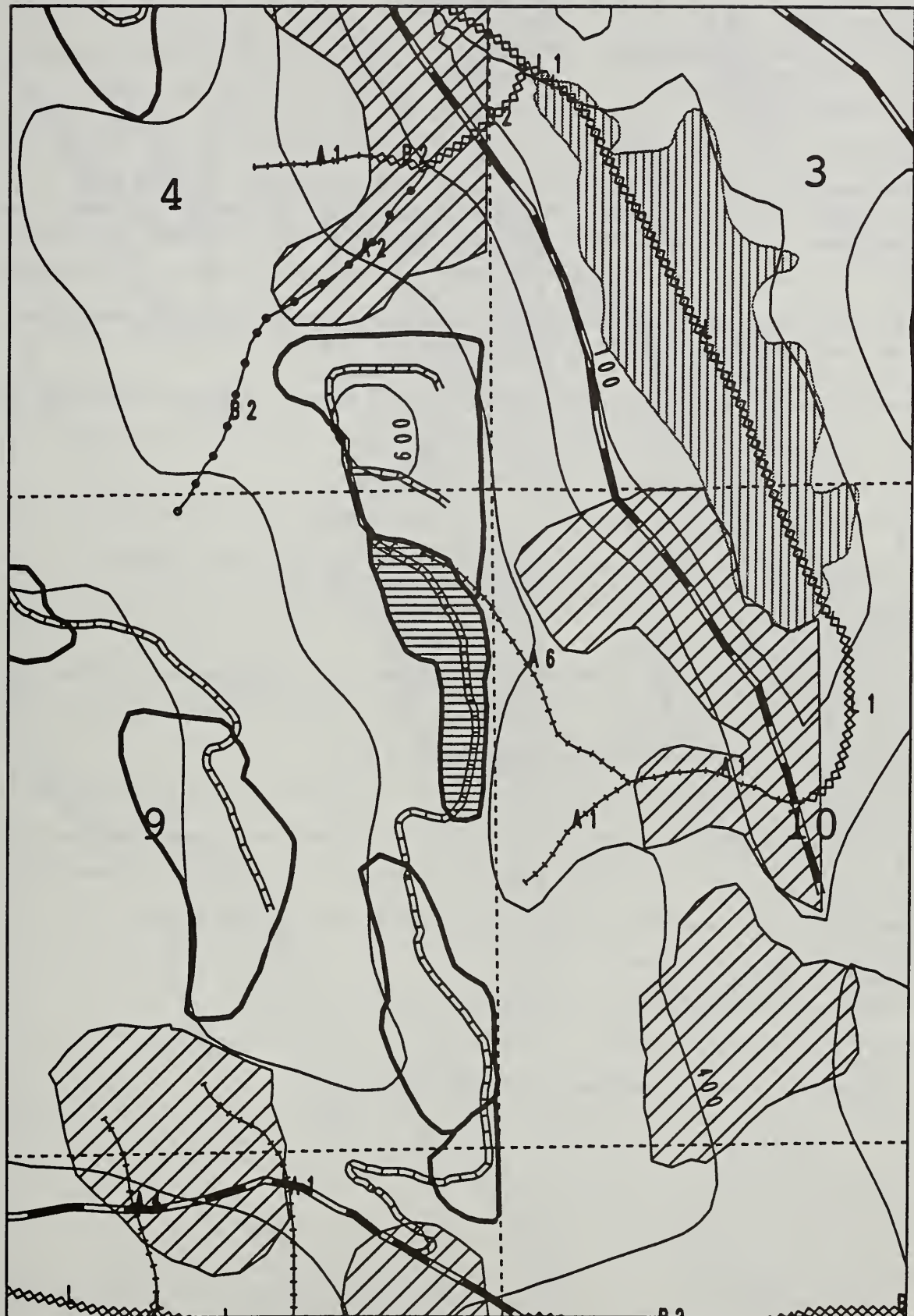
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 586-218



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-218</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>24</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>645</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290116</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 15 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 24 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 0 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

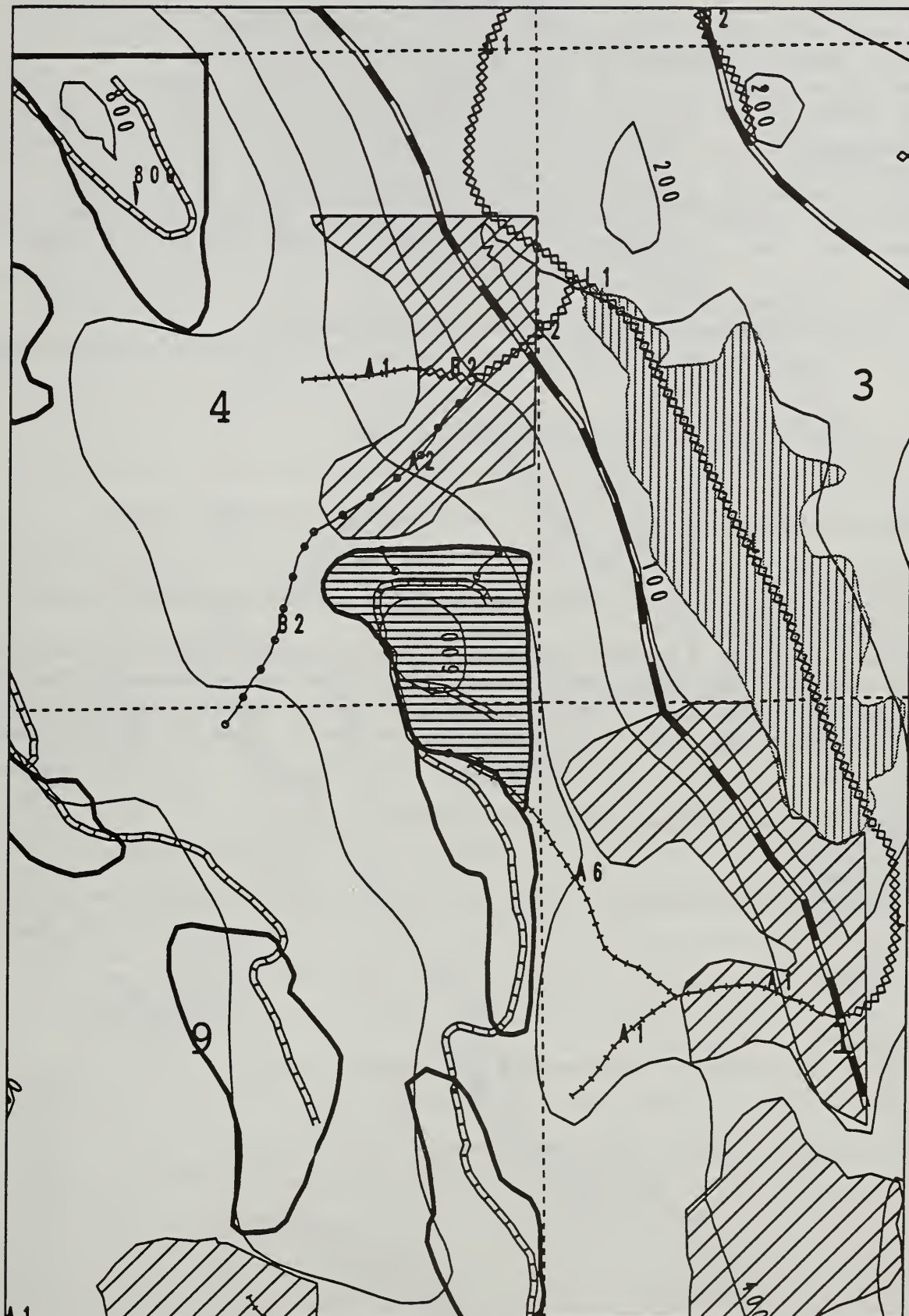
There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 586-218

B



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◇ ◇ ◇ ◇ ◇ CLASS 1 STREAM
- ● — ● — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-218 B</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>49</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1323</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290116</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 27 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 49 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 39 acres High 1 acres Very High 0 acres

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SOILS

This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit contains a A2 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a B2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A6 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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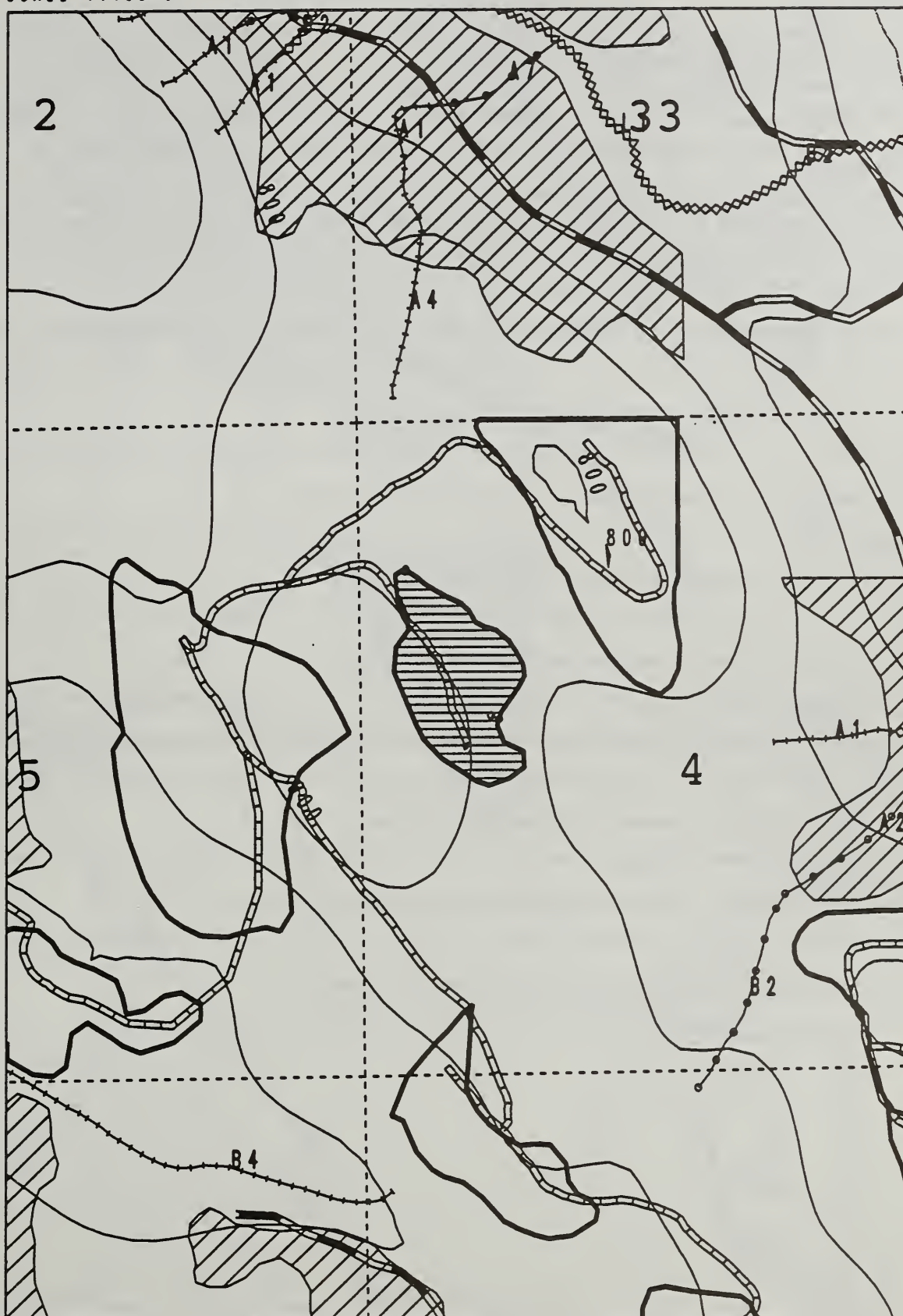
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 586-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-219</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>26</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>819</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690139</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 25 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 26 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

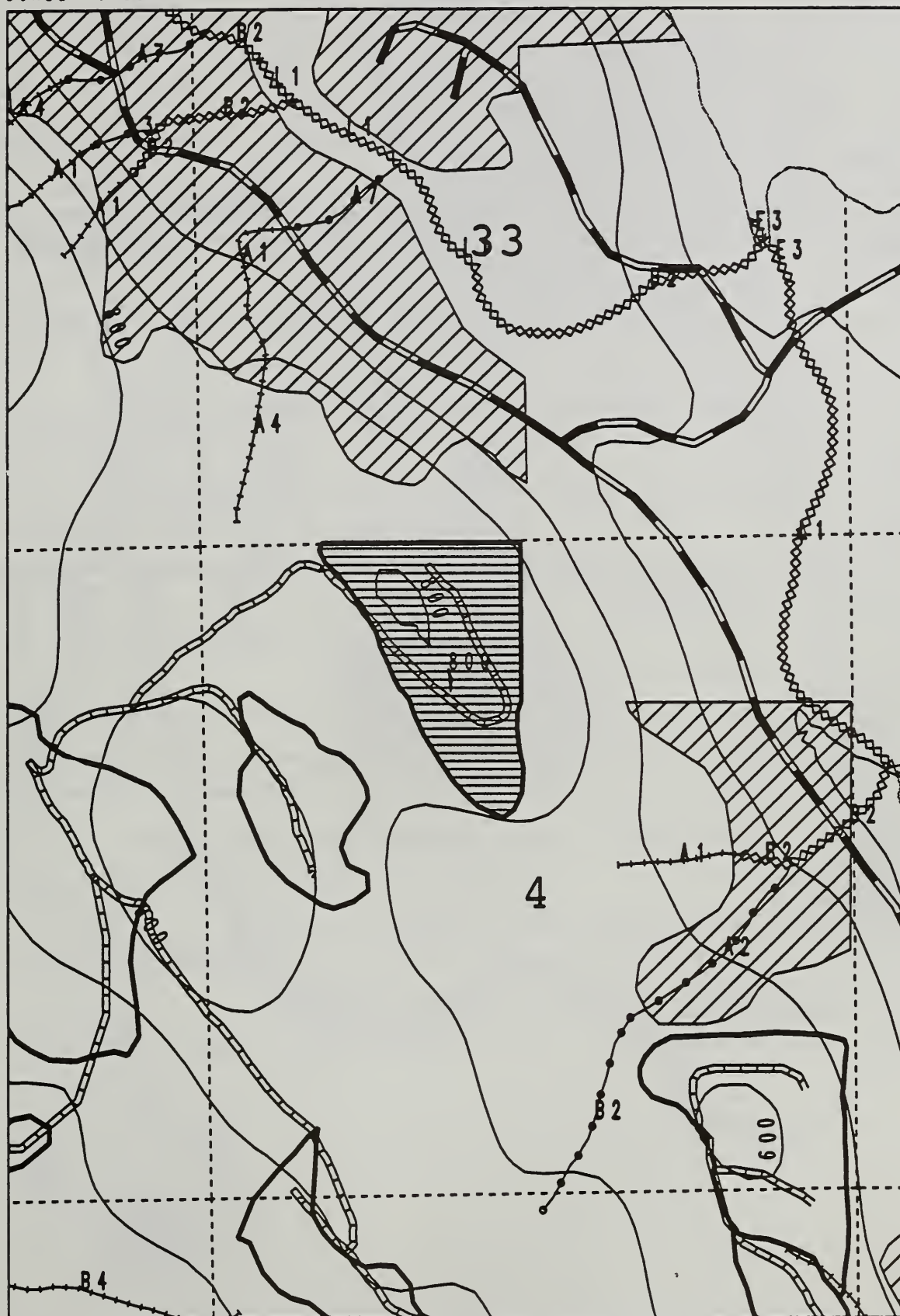
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 586-220



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-220</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>50</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1225</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290117</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 35 acres VC5 14 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 50 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 50 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

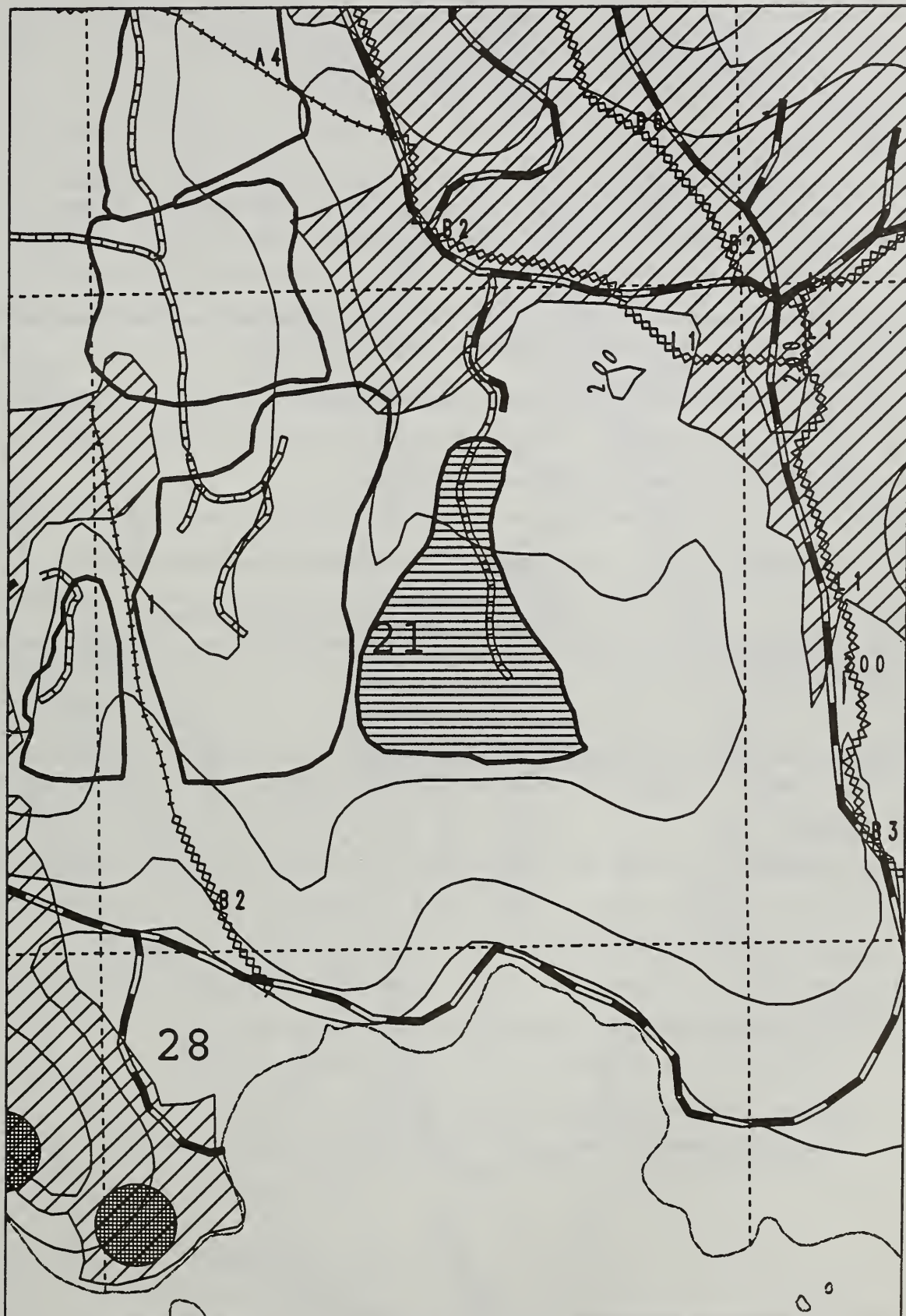
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 586-225



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-225</u>	Alternatives considered <u>4 5</u>
Planned acres <u>61</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1520</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290120</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 44 acres VC5 17 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 61 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 0 acres High 40 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

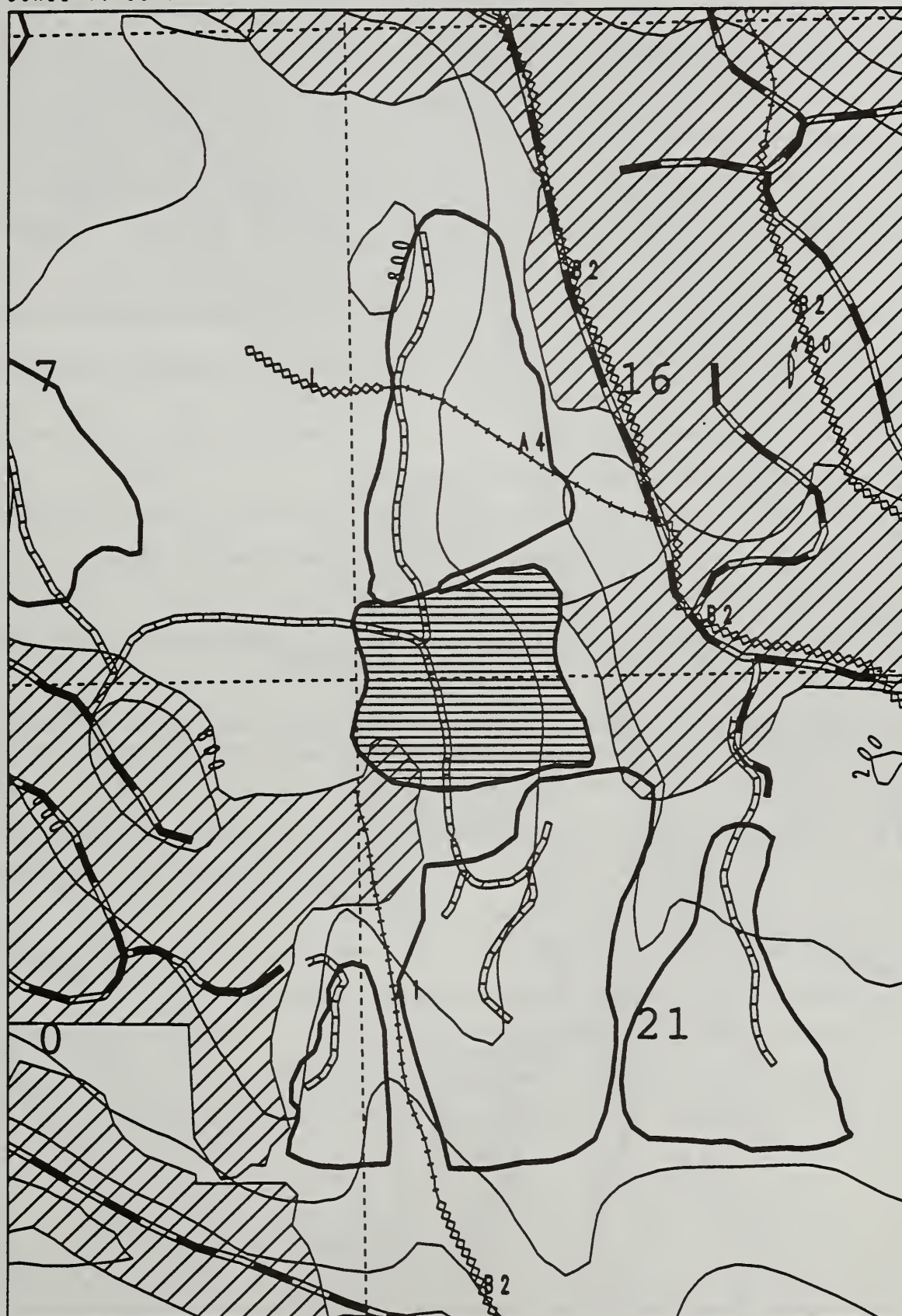
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 586-226



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◊ ◊ ◊ ◊ ◊ CLASS 1 STREAM
- — ● — ● — CLASS 2 STREAM
- + — + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- + — + — + — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-226</u>	Alternatives considered <u>4 5</u>
Planned acres <u>61</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>1716</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290121</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 43 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 61 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 21 acres High 30 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 7 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

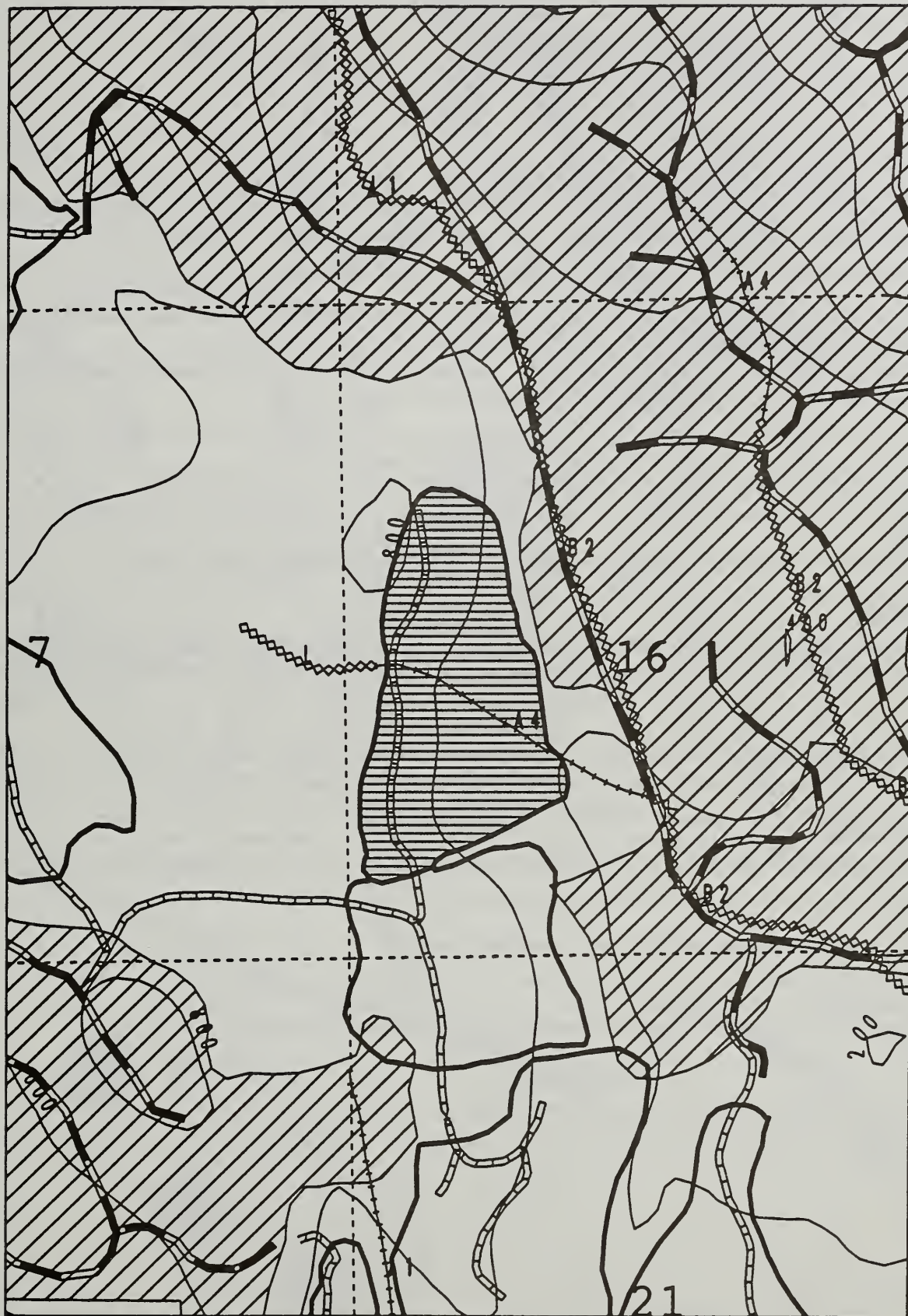
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 586-227



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ⊗ ⊗ ⊗ ⊗ ⊗     | CLASS 1 STREAM               |
| — ● — ● — ● — | CLASS 2 STREAM               |
| — + — + — + — | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |

NORTH



- |   |               |
|---|---------------|
| ⊠ | UNIT          |
| ⊞ | EAGLE NEST    |
| ⊡ | PRIOR HARVEST |
| ⊢ | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-227</u>	Alternatives considered <u>4 5</u>
Planned acres <u>78</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>2557</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290121</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 78 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 76 acres 800-1200 ft. 2 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 64 acres High 12 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 49 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a L class 1 stream. No harvest with 100 feet and partial cut within 100-500 feet of lake.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

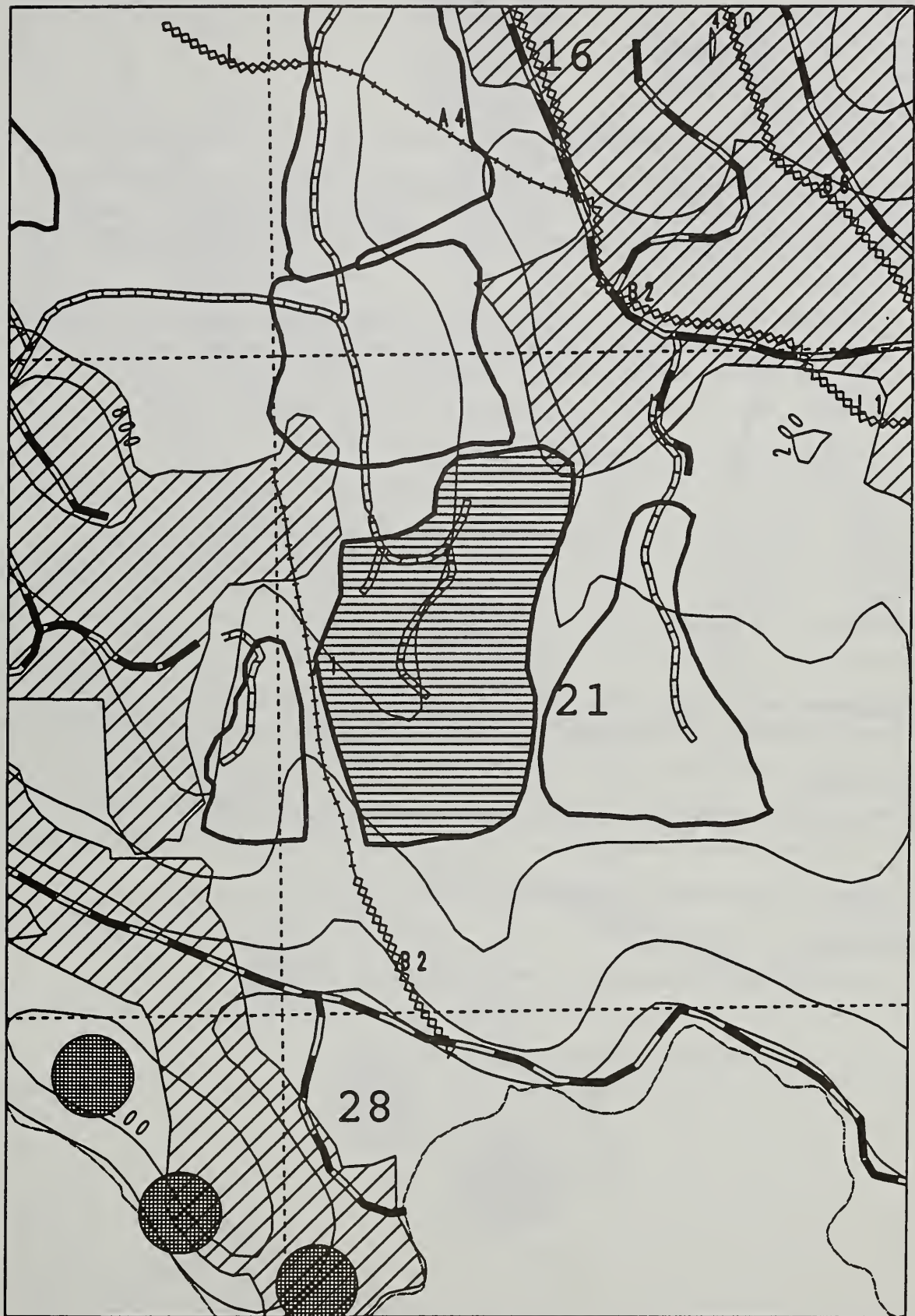
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 586-228



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-228</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>103</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>2766</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290120</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 53 acres VC5 49 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 103 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 29 acres High 70 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 12 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

This unit will cause harvest size to exceed NFMA limitation.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout,

CULTURAL RESOURCES

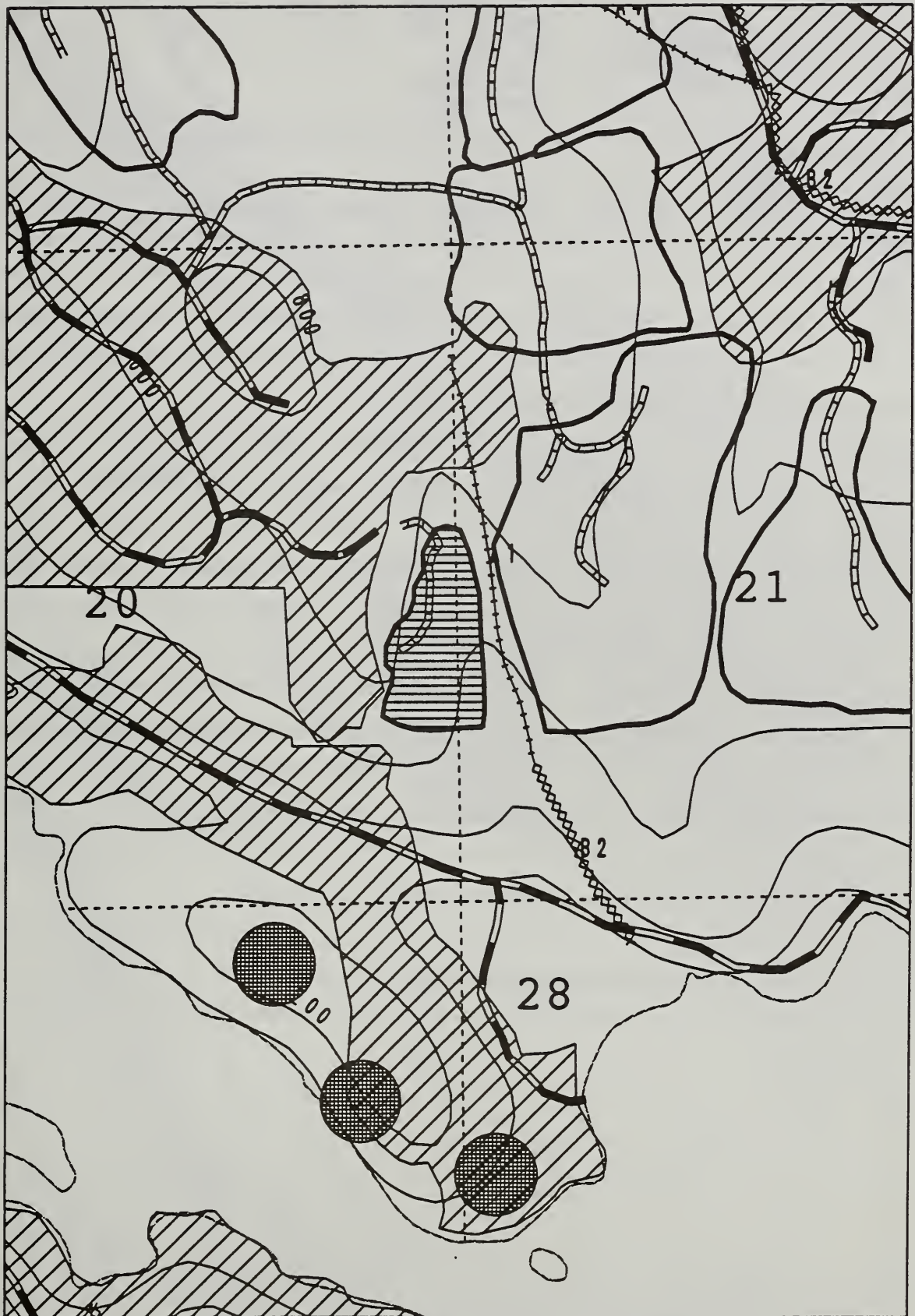
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 586-229



- — — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- — ● — ● — CLASS 2 STREAM
- — — — CLASS 3 STREAM
- EXISTING ROADS
- — — — ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- ▨▨▨▨▨▨ PRIOR HARVEST
- ▨▨▨▨▨▨ WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-229</u>	Alternatives considered <u>2 4</u>
Planned acres <u>22</u>	Quad <u>CRGC2NWN</u>
Estimated volume (mbf) <u>590</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690142</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 12 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 22 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 15 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

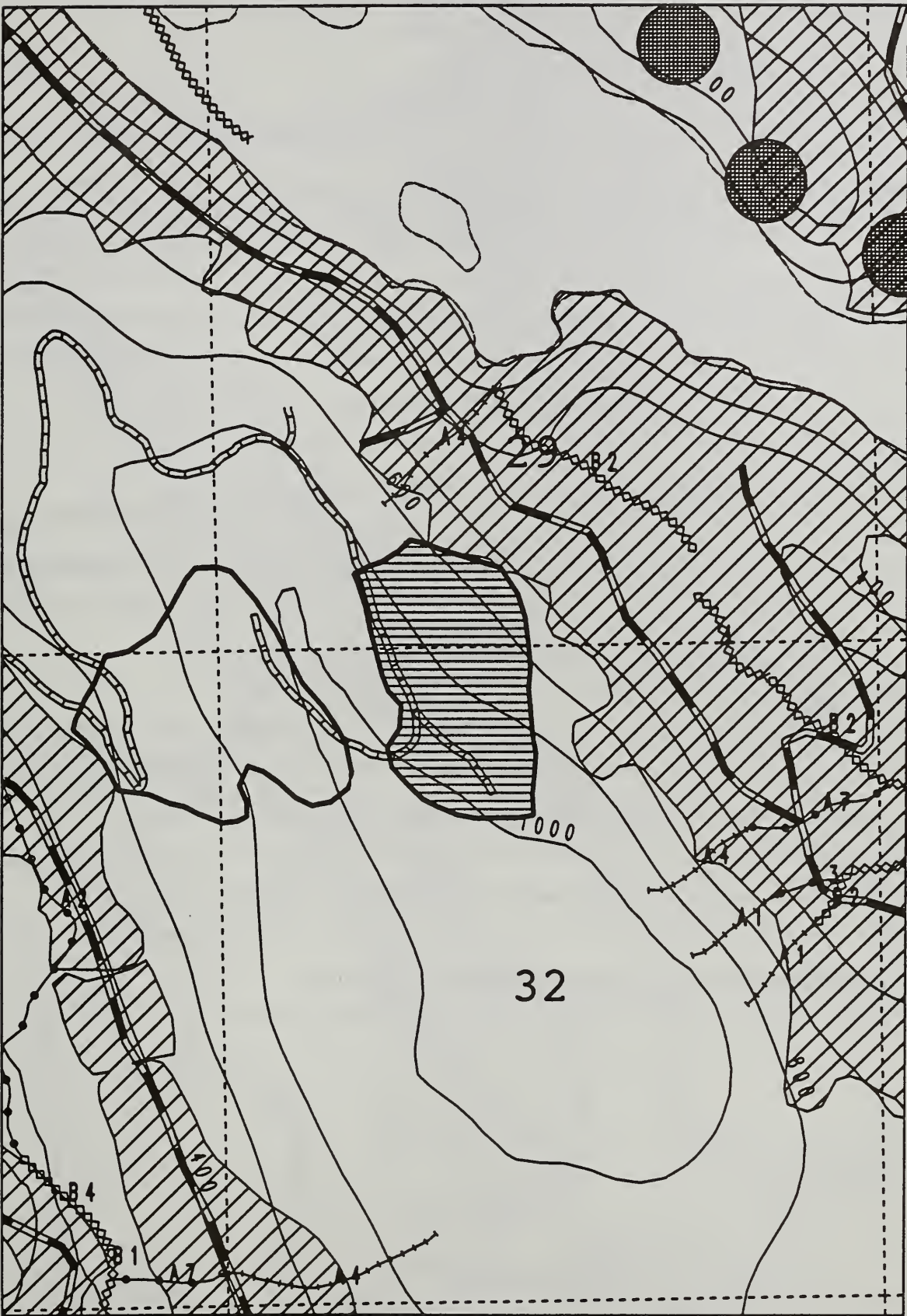
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 586-232



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>586-232</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>55</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1714</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690141</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 33 acres VC6 12 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 55 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 31 acres Medium 24 acres High 0 acres Very High 0 acres

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SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

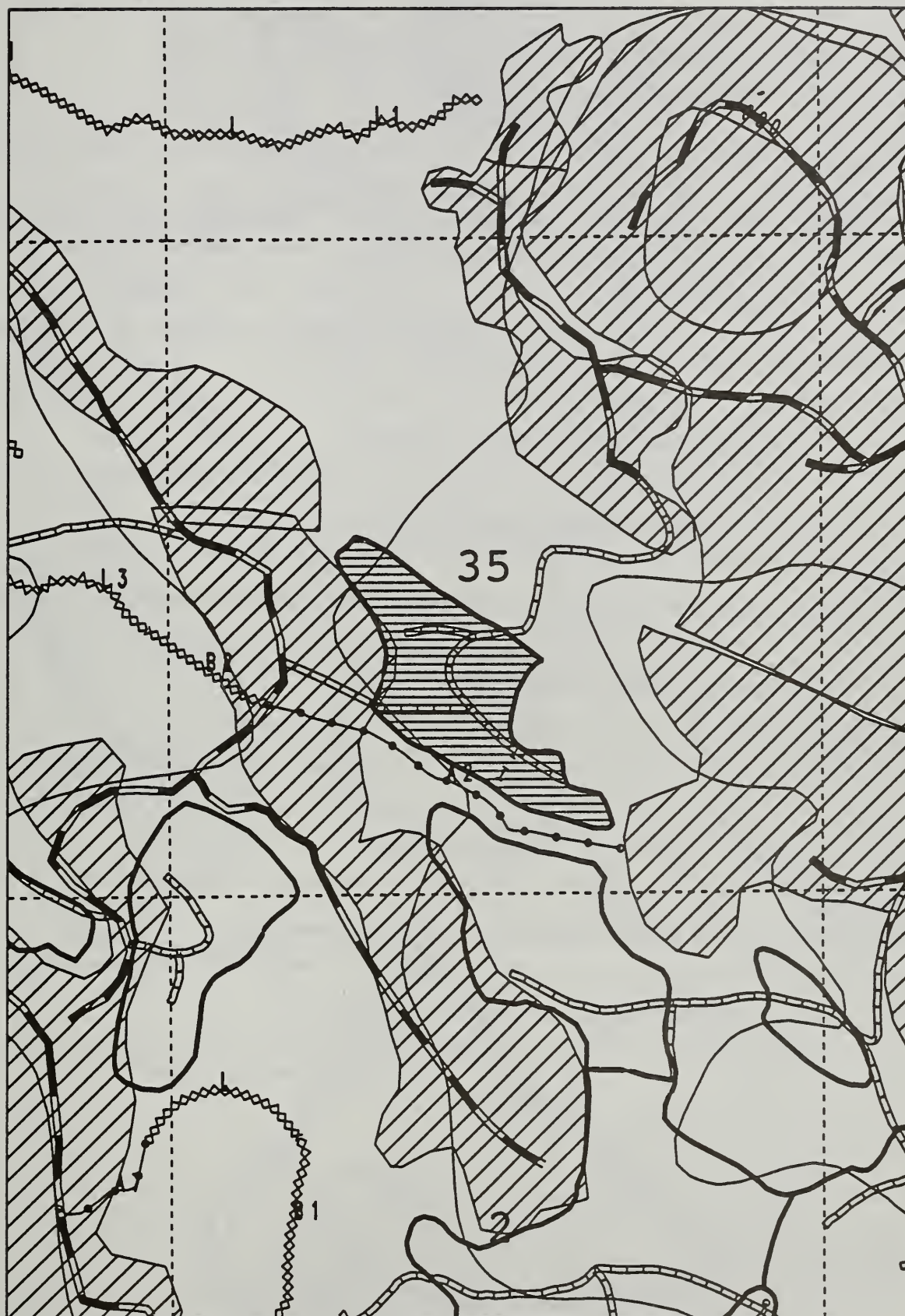
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 587.1-206



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-206</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>44</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1210</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290032</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 20 acres VC6 0 acres VC7 1 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 20 acres Medium 21 acres High 3 acres Very High 0 acres

SOILS

This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

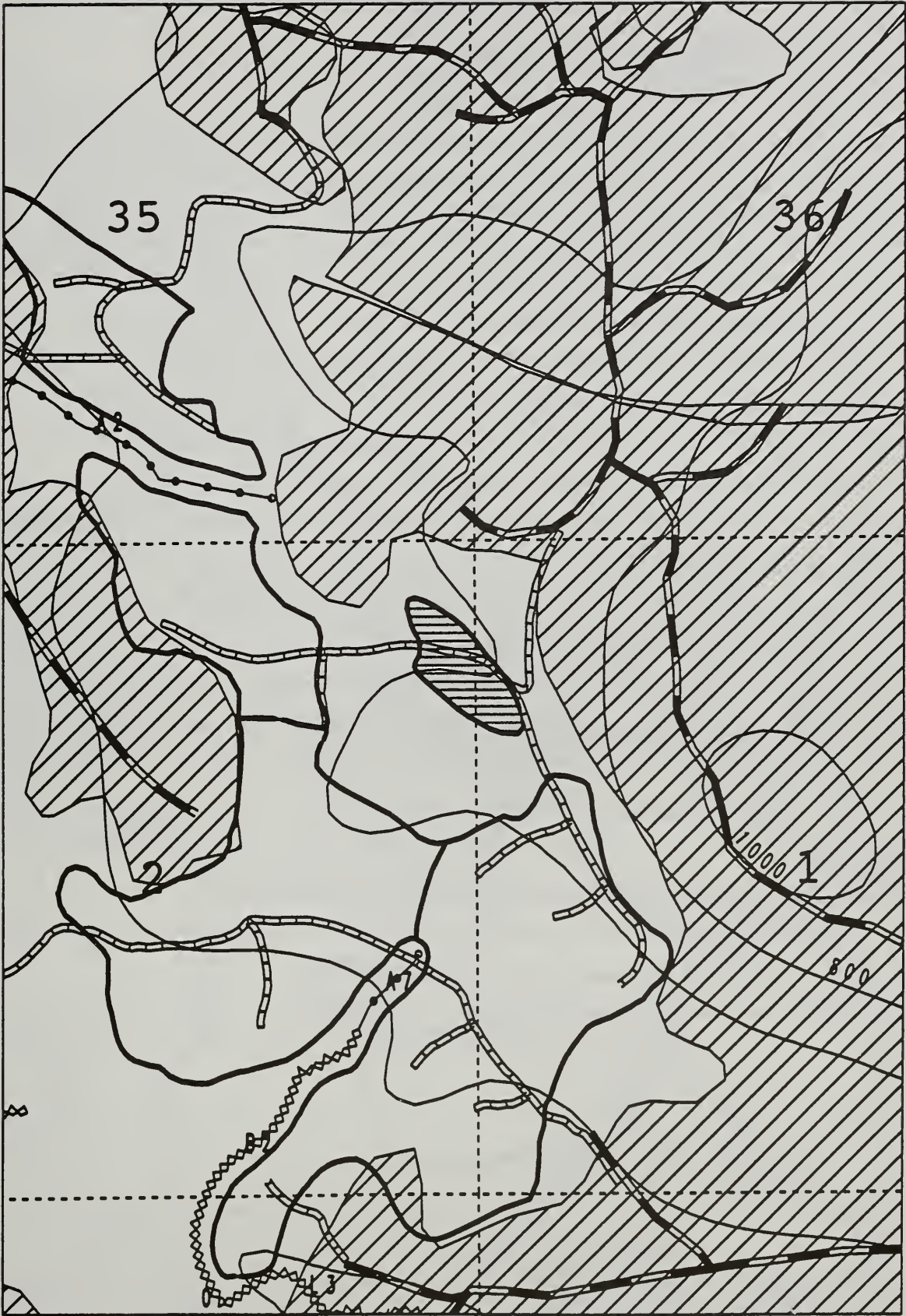
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 587.1-207



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 587.1-207

Alternatives considered 2 3 4 5

Planned acres 12

Quad CRGD4SEN

Estimated volume (mbf) 414

Mgmt Area K07

Logging system Highlead uphill/downhill

WAA 1422

Silvicultural system Clearcut

Photo 1190118

Forest type Spruce

Aspect South

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 2 acres VC5 2 acres VC6 8 acres VC7 0 acres

Elevation breakdown: 0-800 ft. 12 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres

Mass movement index: Low 11 acres Medium 0 acres High 1 acres Very High 0 acres

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SOILS

There are no soils mitigation measures anticipated for this unit.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

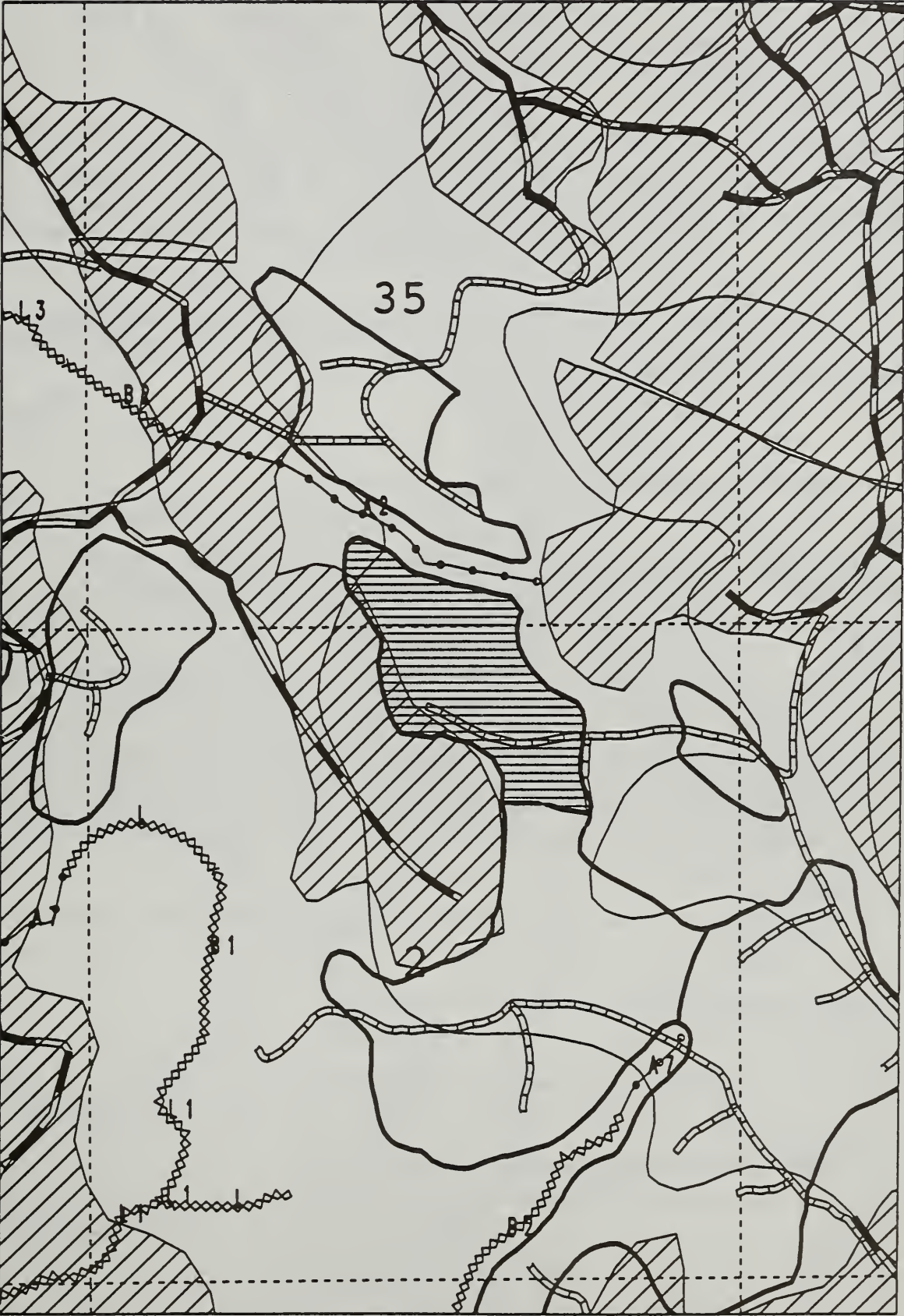
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 587.1-208



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-208</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>50</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1181</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290031</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 30 acres VC5 16 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 50 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 21 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 13 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.  
Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

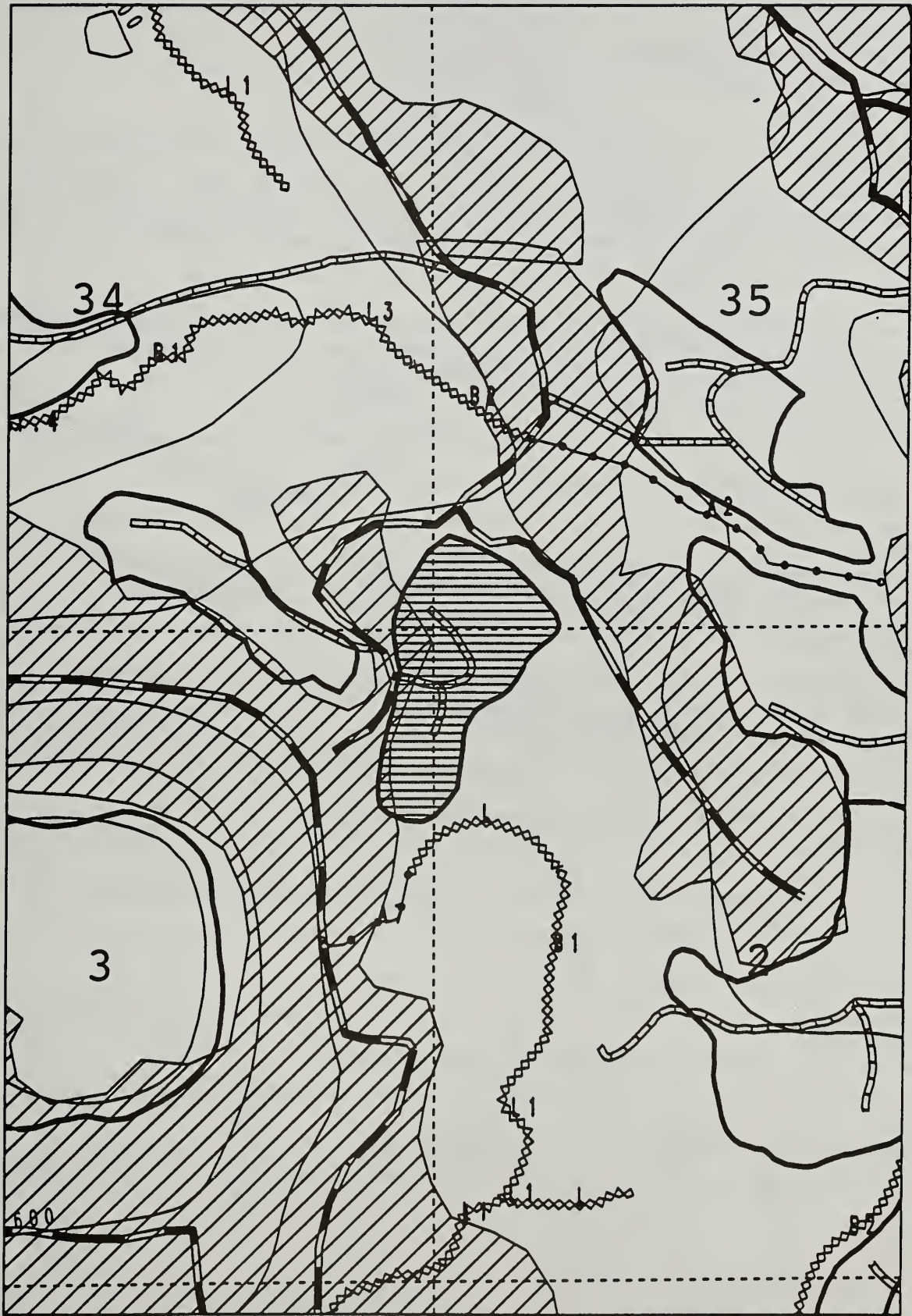
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 587.1-209



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 587.1-209

Alternatives considered 2 4 5

Planned acres 43

Quad CRGD4SEN

Estimated volume (mbf) 1403

Mgmt Area K07

Logging system Highlead uphill/downhill

WAA 1422

Silvicultural system Clearcut

Photo 1290031

Forest type Hemlock

Aspect North

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 4 acres VC5 20 acres VC6 12 acres VC7 4 acres

Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres

Mass movement index: Low 18 acres Medium 6 acres High 19 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 12 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a L class 1 stream. No harvest with 100 feet and partial cut within 100-500 feet of lake.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds,proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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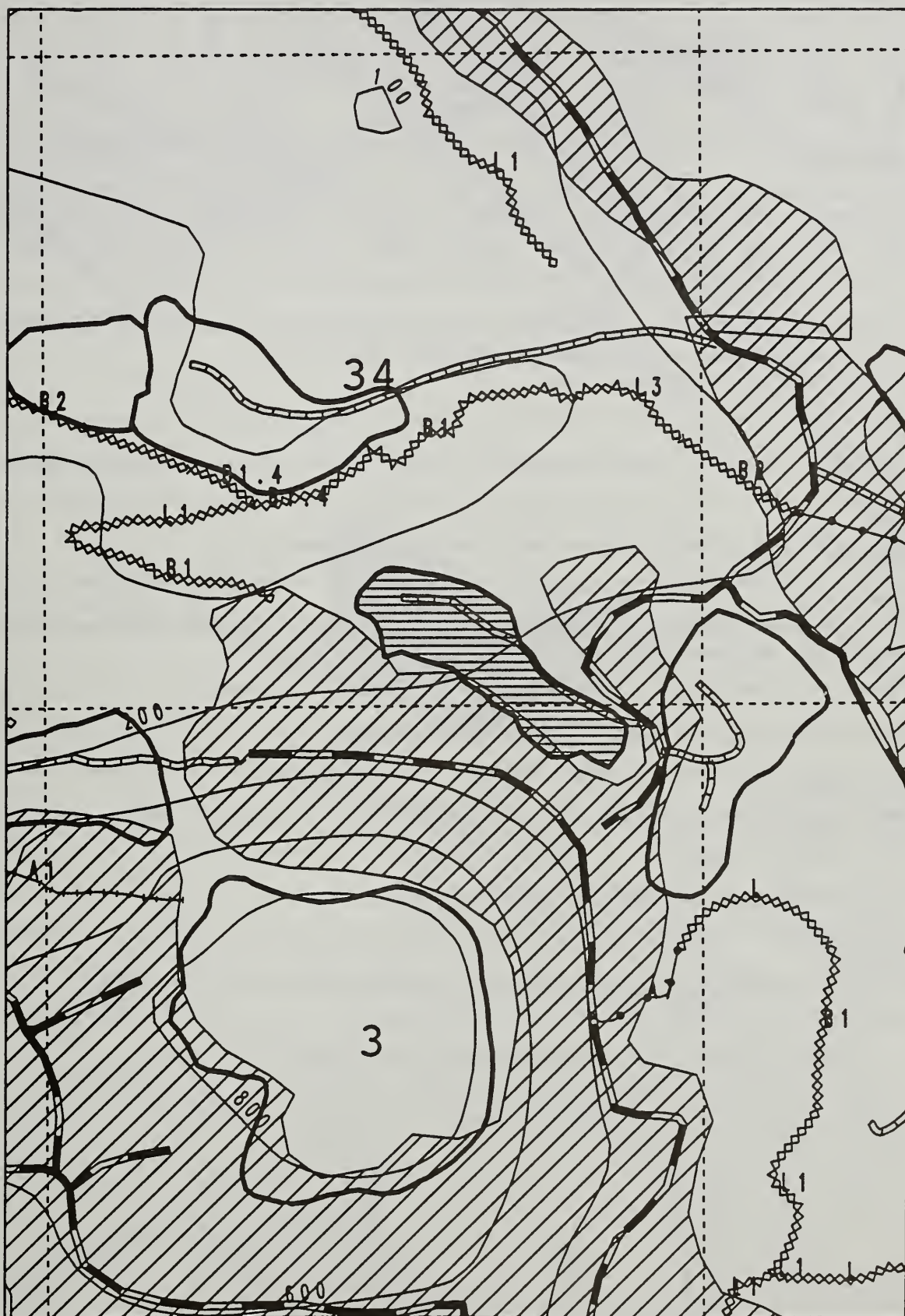
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 587.1-210



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-210</u>	Alternatives considered <u>5</u>
Planned acres <u>31</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>679</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 31 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 1 acres Very High 0 acres

SOILS

This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 1 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

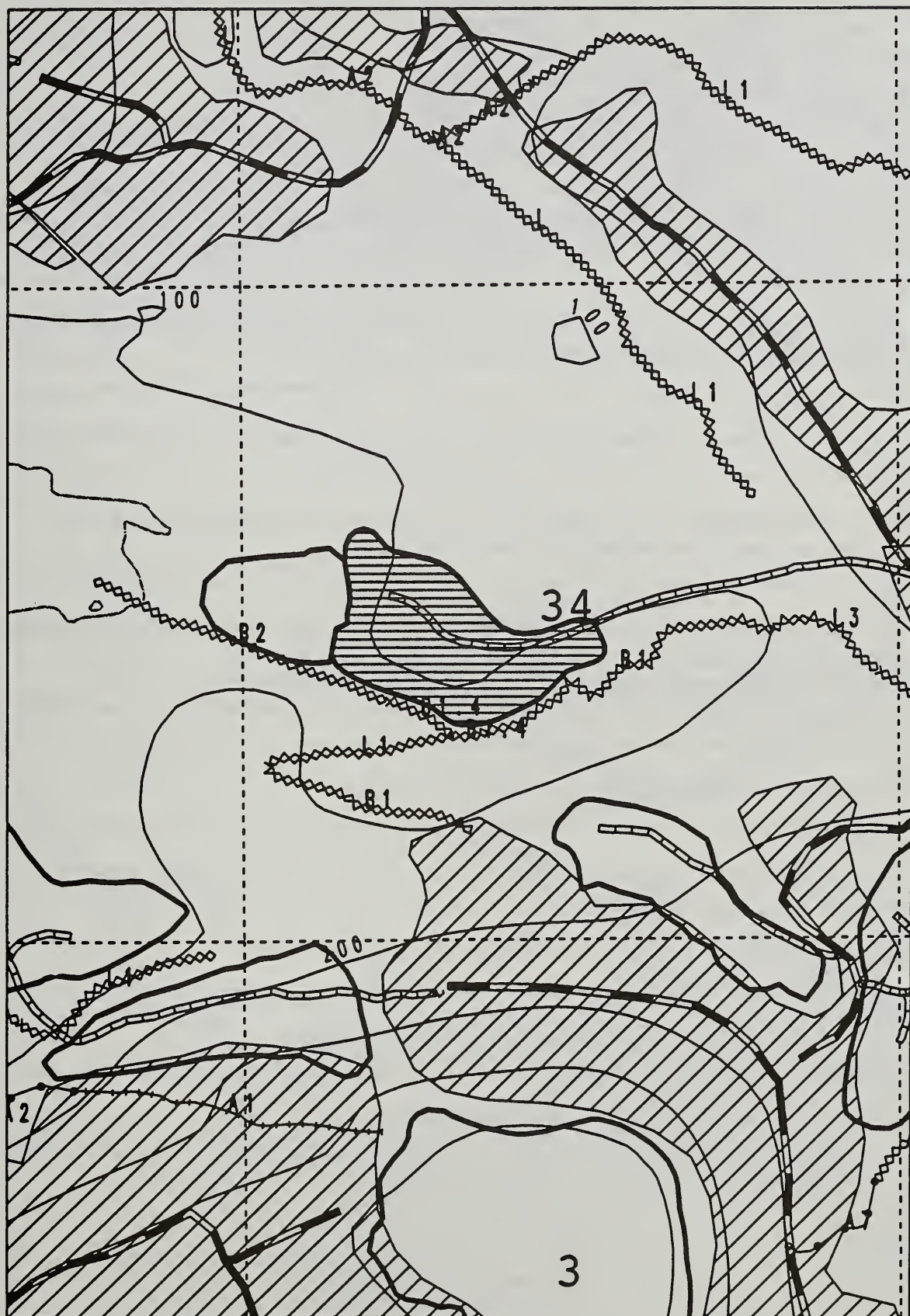
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 587.1-212



- +—+—+— UNCLASS. STREAM WITHIN UNITS
- x—x—x—x— CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+—+— CLASS 3 STREAM
- +—+—+—+— EXISTING ROADS
- +—+—+—+— ALTERNATIVE ROAD
- +—+—+—+— CONTOUR LINE
- +—+—+—+— SECTION LINE



- +—+—+—+— UNIT
- x—x—x—x— EAGLE NEST
- +—+—+—+— PRIOR HARVEST
- +—+—+—+— WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-212</u>	Alternatives considered <u>3 5</u>
Planned acres <u>42</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1036</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290033</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 36 acres VC5 6 acres VC6 0 acres VC7 1 acres  
Elevation breakdown: 0-800 ft. 42 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 42 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

---

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Proposed stream buffers may need to be modified to meet AHMU Handbook standards.

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

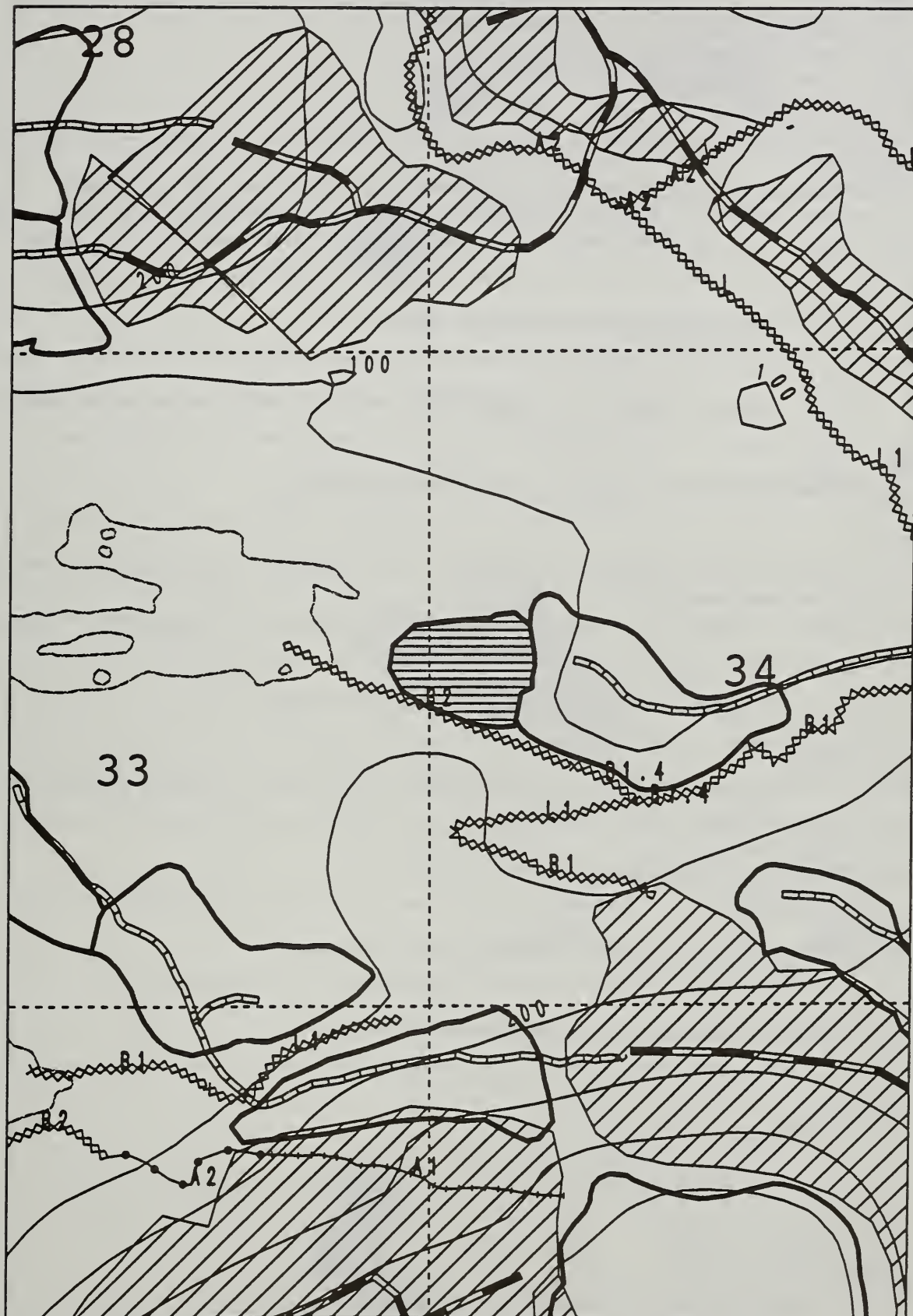
There are no geological mitigation measures anticipated for this unit.

---



SCALE 1:15840

# UNIT 587.1-212 B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- ===== EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- EAGLE NEST
- PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-212B</u>	Alternatives considered <u>5</u>
Planned acres <u>18</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>632</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290033</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 0 acres VC6 0 acres VC7 9 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 11 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Unit is adjacent to estuary or beach fringe; maintain appropriate buffer.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

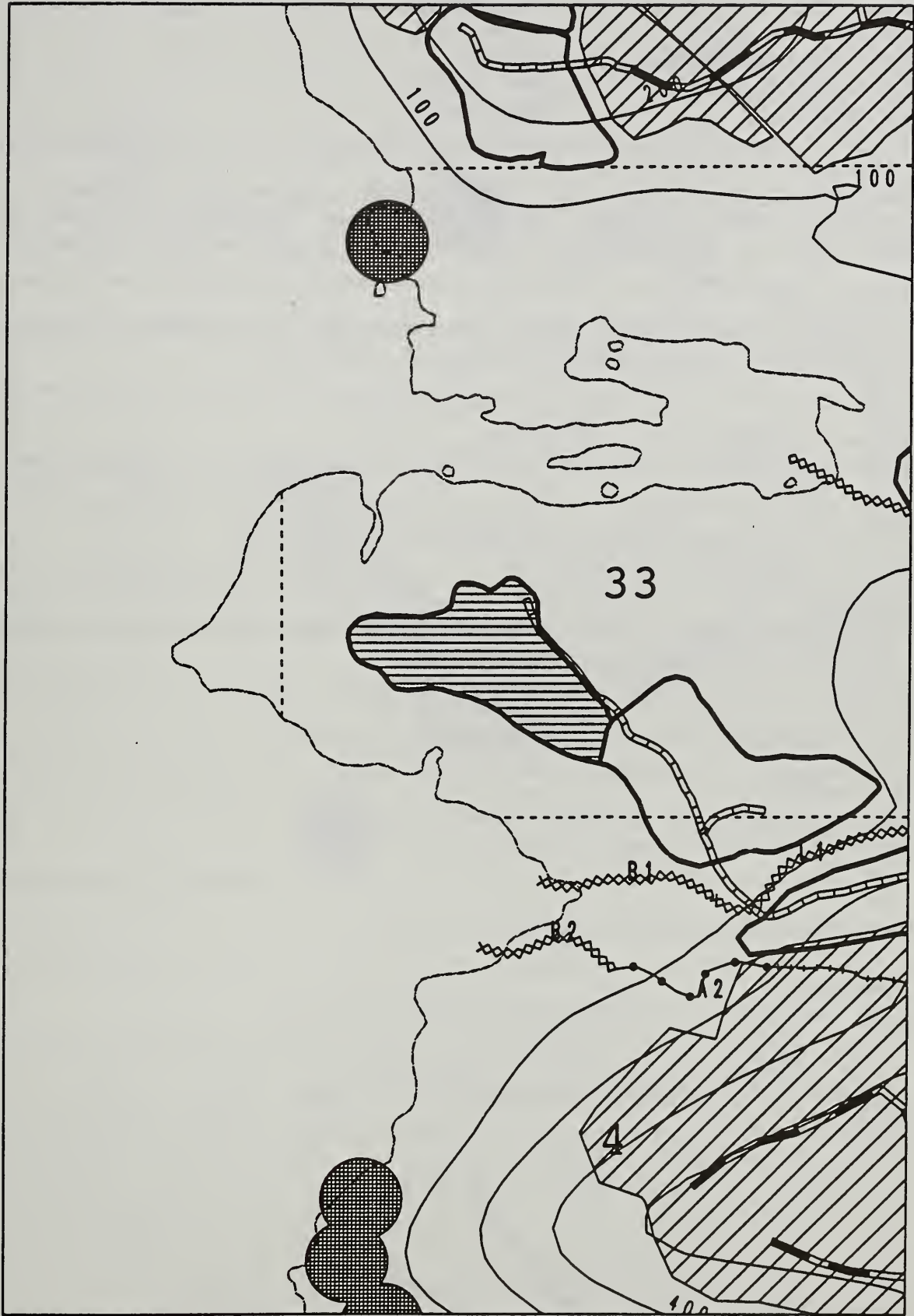
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 587.1-214



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-214</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>35</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>755</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290172</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 33 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 35 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potentially very low volume per acre.  
Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Unit is adjacent to estuary or beach fringe; maintain appropriate buffer.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Tuxekan Pass as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

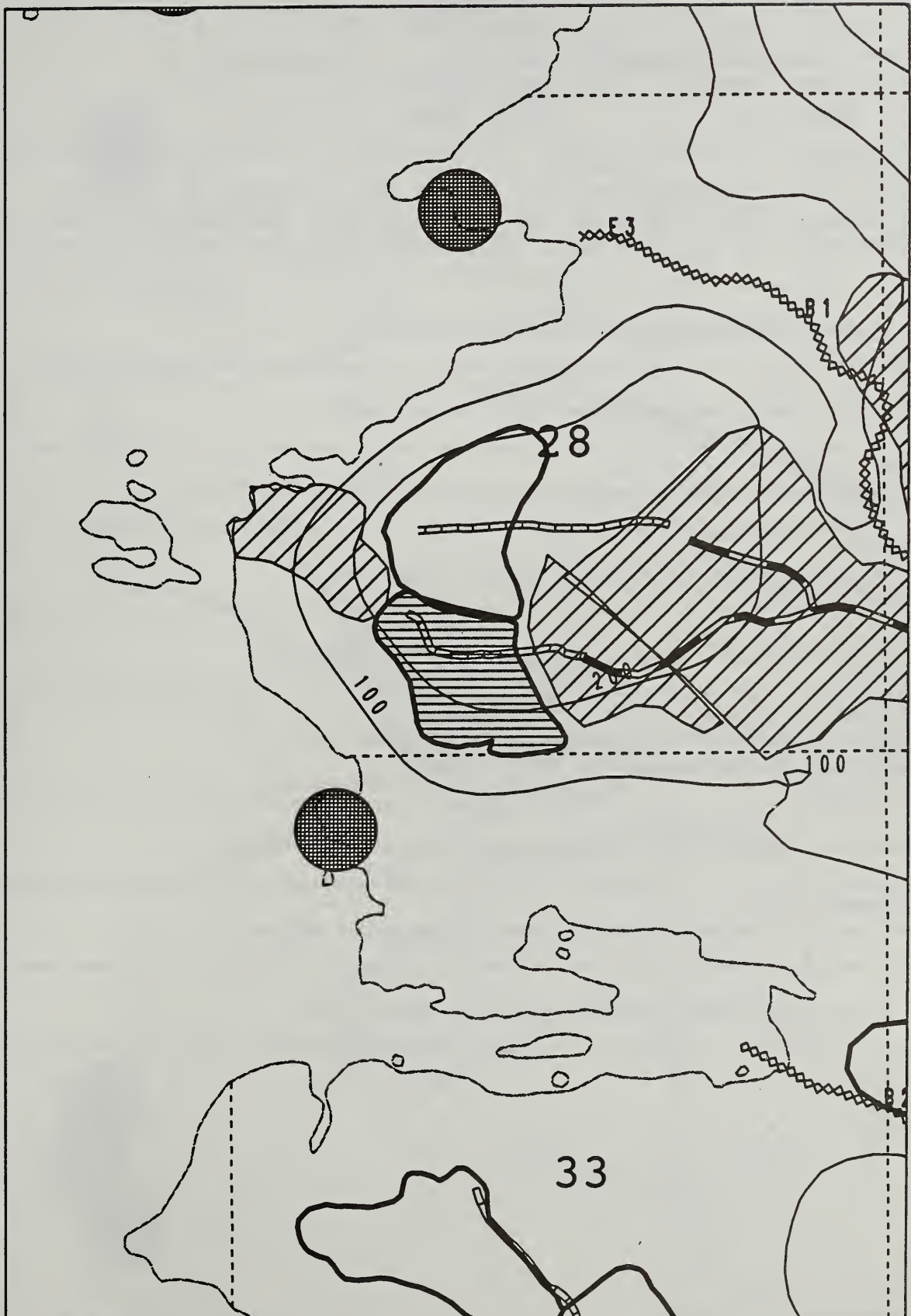
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 587.1-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-215</u>	Alternatives considered <u>4 5</u>
Planned acres <u>27</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1372</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290171</u>
Forest type <u>Spruce</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 27 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 27 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Unit is adjacent to estuary or beach fringe; maintain appropriate buffer.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Tuxekan Pass  
as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

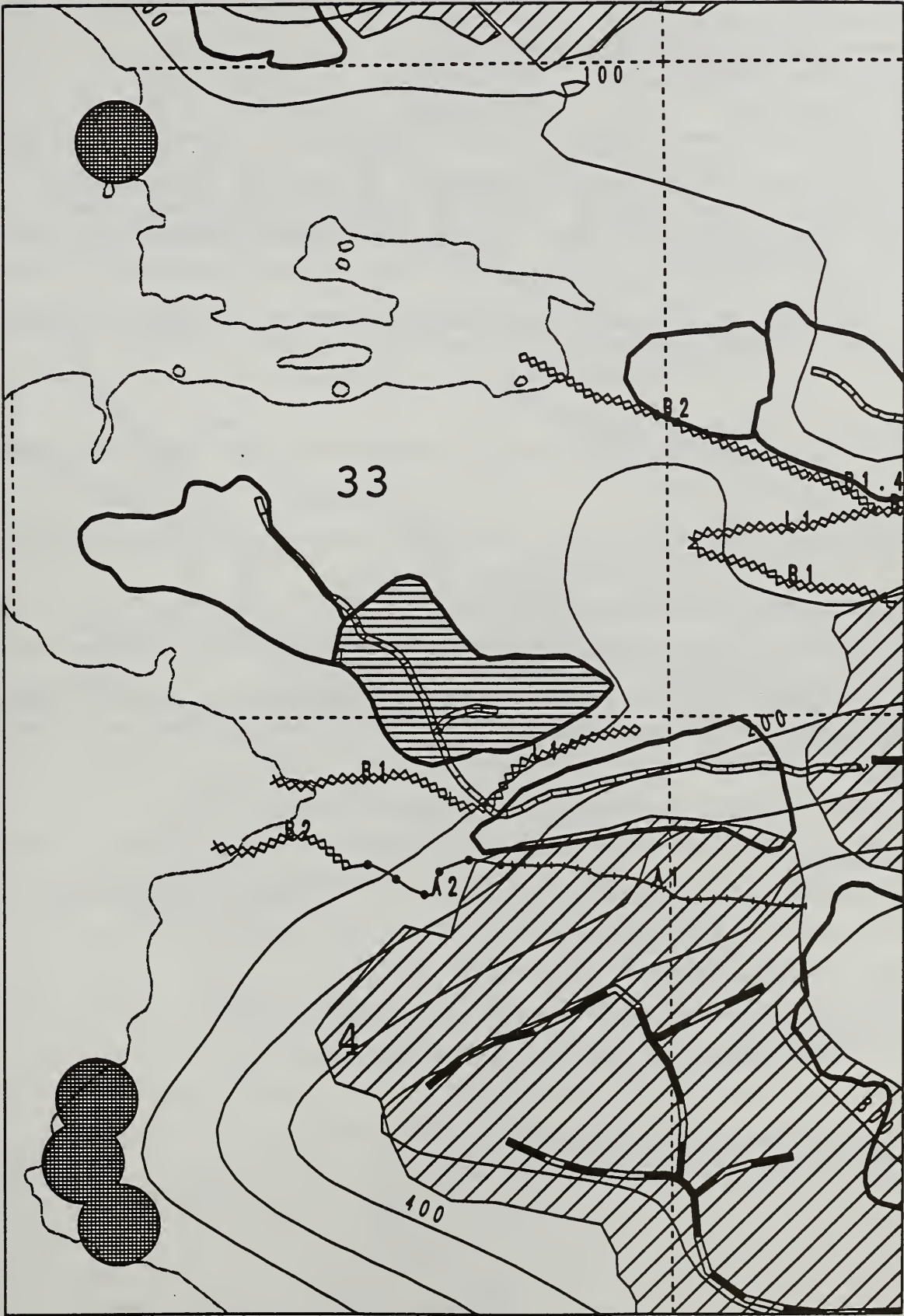
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 587.1-220



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-220</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>42</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>854</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290173</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 39 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 42 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 42 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potentially very low volume per acre.  
Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

The road into this unit crosses a B1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream. Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Unit is adjacent to estuary or beach fringe; maintain appropriate buffer.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds, proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

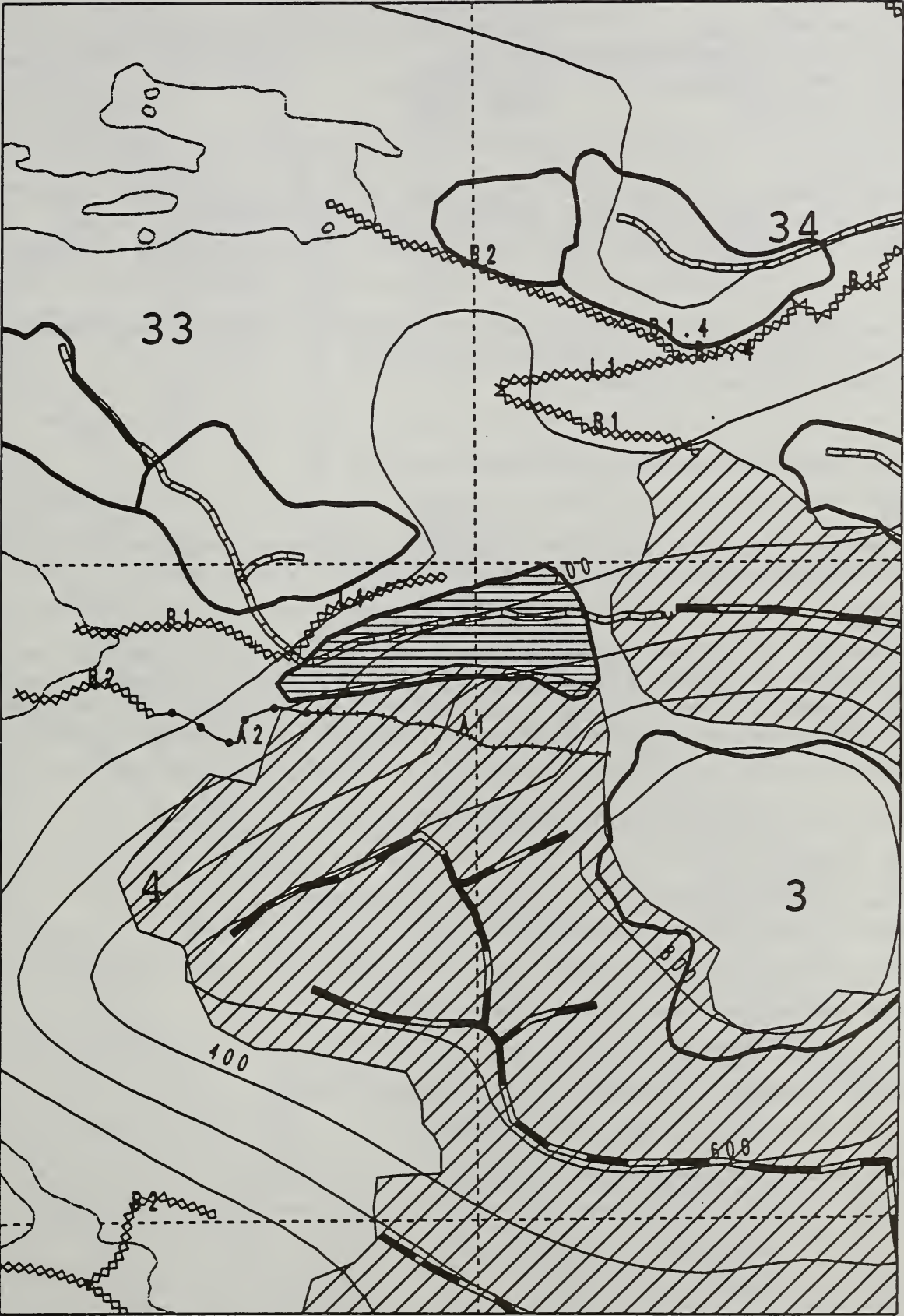
This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 587.1-221



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- ××××× CLASS 3 STREAM
- EXISTING ROADS
- - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>587.1-221</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>37</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>1294</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhillWAA</u>	<u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290032</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 34 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 37 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 9 acres High 26 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit contains 26 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Tuxekan Pass  
as viewed from 1 mile from west coast of Prince of Wales.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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GEOLOGY

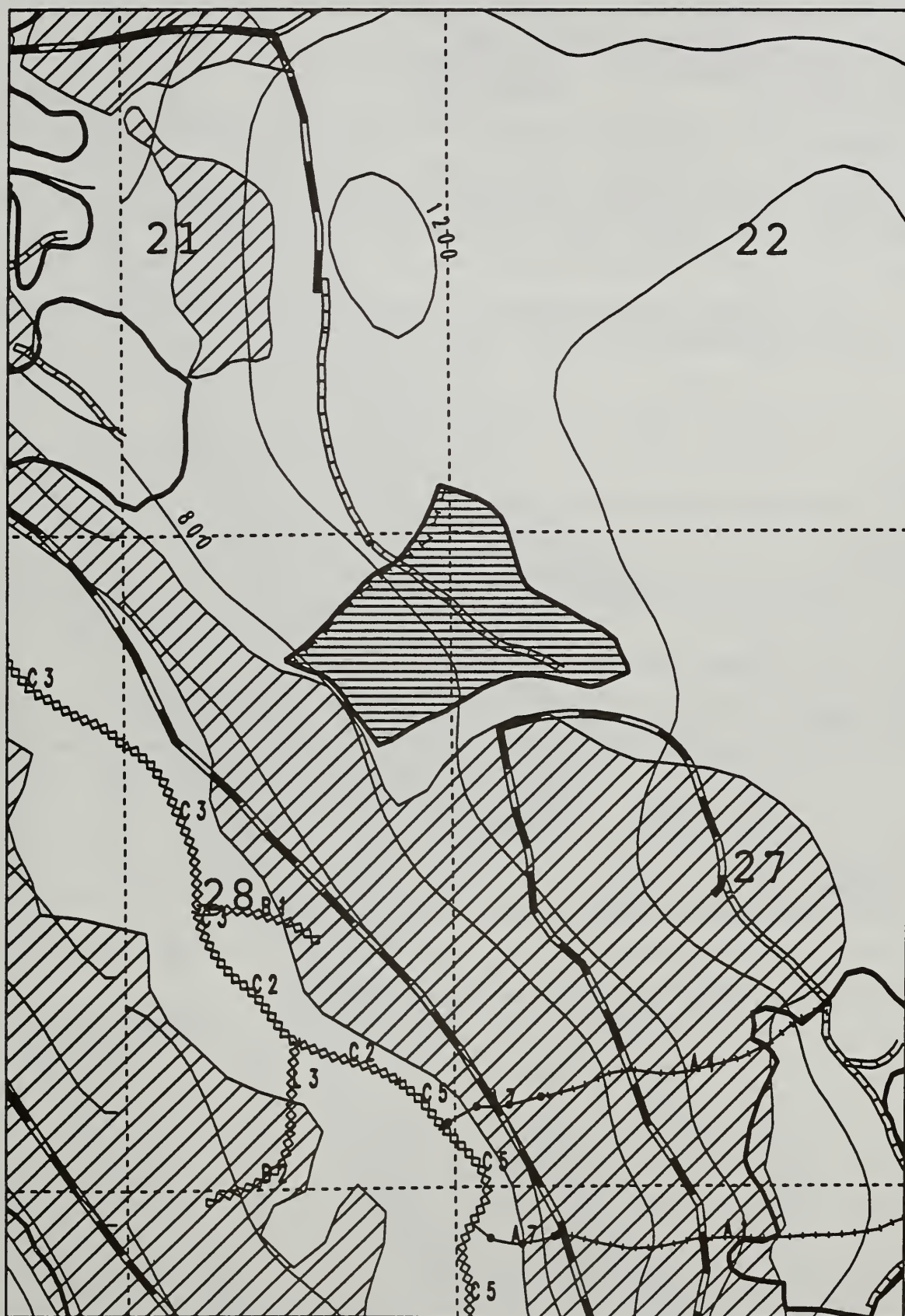
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 588-201



- |               |                              |
|---------------|------------------------------|
| — — — — —     | UNCLASS. STREAM WITHIN UNITS |
| ⊗ ⊗ ⊗ ⊗ ⊗     | CLASS 1 STREAM               |
| — ● — ● — ● — | CLASS 2 STREAM               |
| — — — — —     | CLASS 3 STREAM               |
| — — — — —     | EXISTING ROADS               |
| — — — — —     | ALTERNATIVE ROAD             |
| — — — — —     | CONTOUR LINE                 |
| - - - - -     | SECTION LINE                 |



- |  |               |
|--|---------------|
|  | UNIT          |
|  | EAGLE NEST    |
|  | PRIOR HARVEST |
|  | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-201</u>	Alternatives considered <u>4 5</u>
Planned acres <u>60</u>	Quad <u>CRGD3SWS</u>
Estimated volume (mbf) <u>1629</u>	Mgmt Area <u>K08</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190053</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 28 acres VC5 31 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 60 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 60 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 36 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

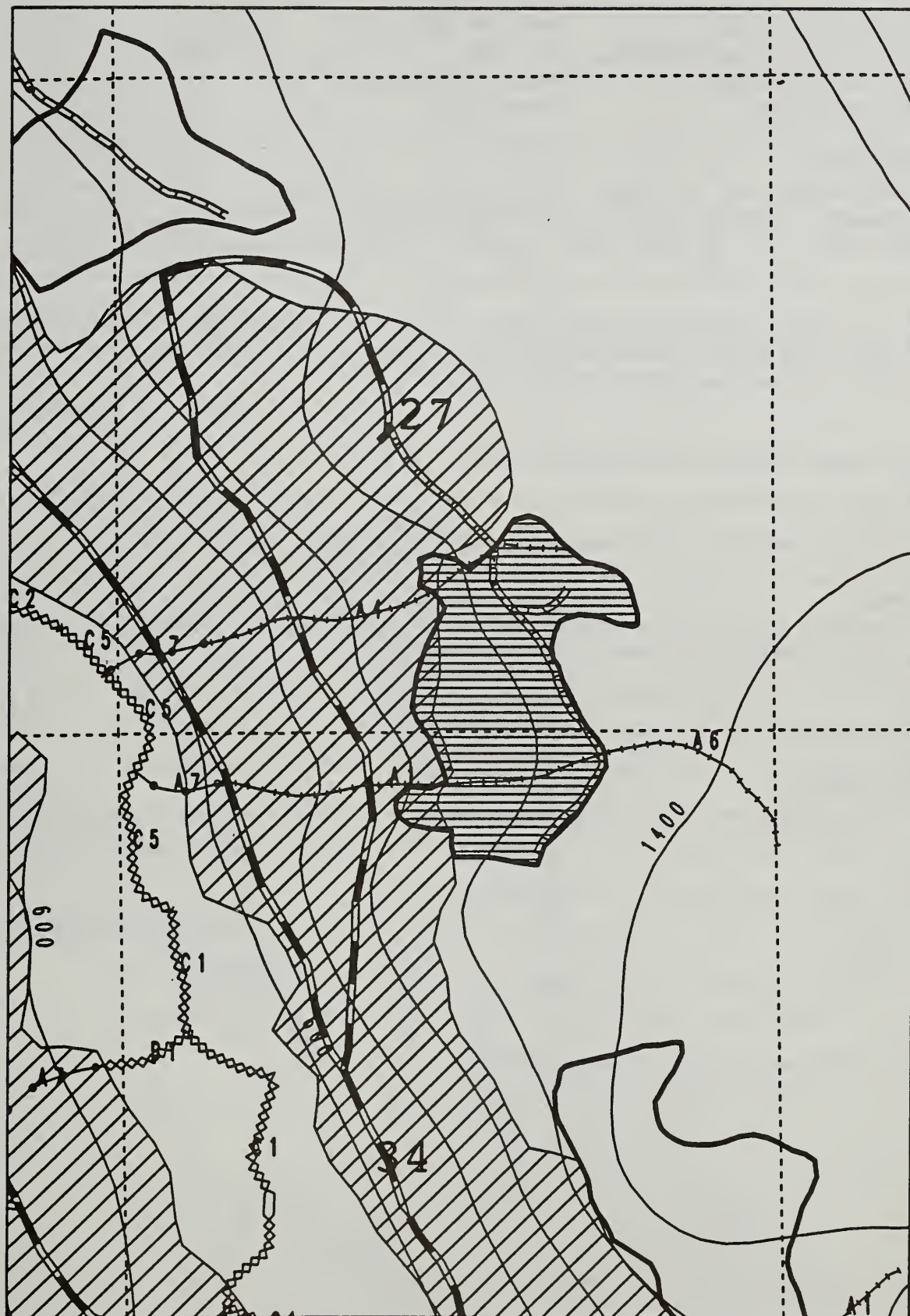
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-203



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-203</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>74</u>	Quad <u>CRGD3SWS</u>
Estimated volume (mbf) <u>2175</u>	Mgmt Area <u>K08</u>
Logging system <u>Slackline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890123</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 23 acres VC5 51 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 36 acres 1200-1500 ft. 39 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 59 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 59 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

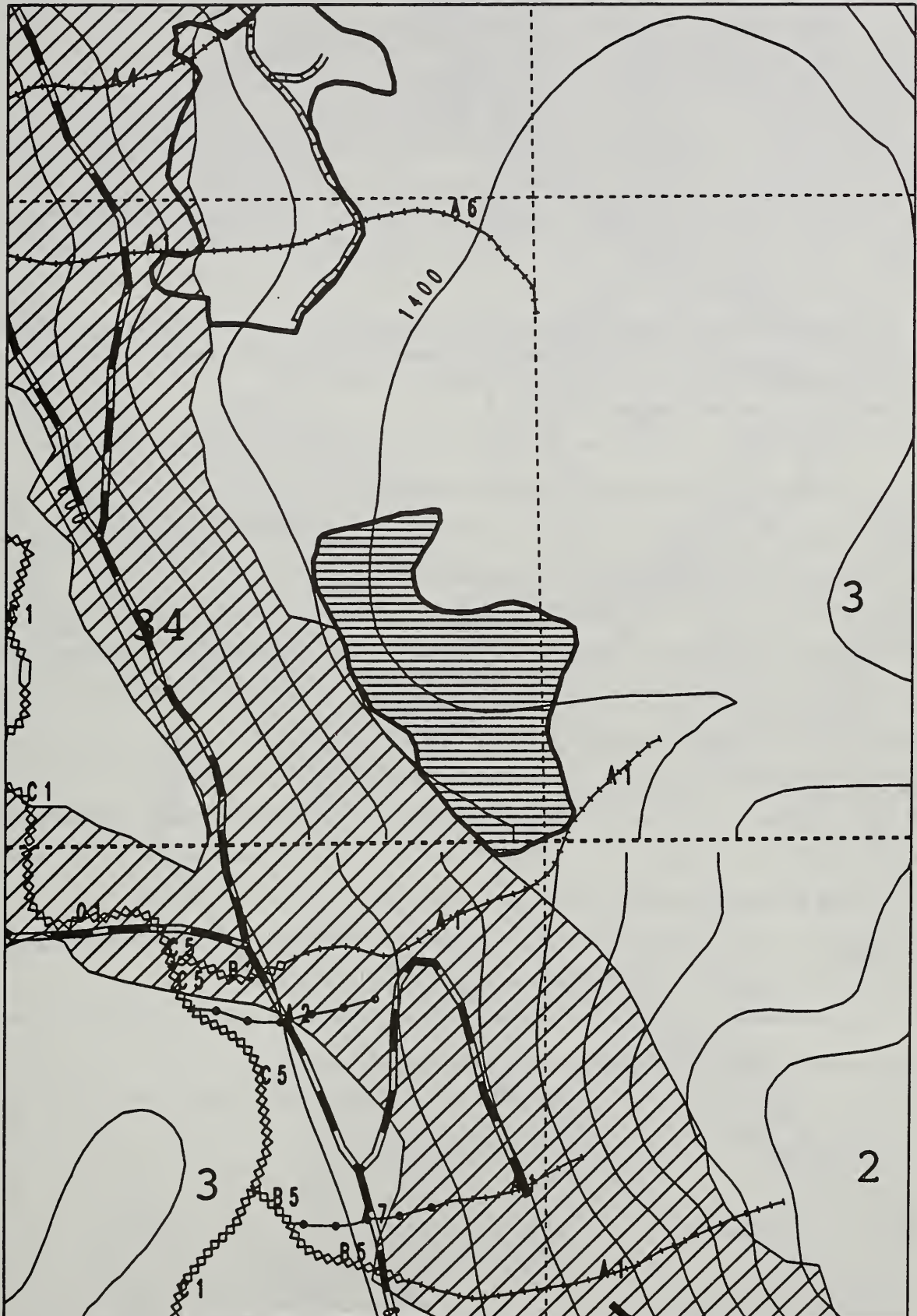
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-204



- |           |                              |
|-----------|------------------------------|
| — — — — — | UNCLASS. STREAM WITHIN UNITS |
| ⊗ ⊗ ⊗ ⊗   | CLASS 1 STREAM               |
| — ● — ● — | CLASS 2 STREAM               |
| — + — + — | CLASS 3 STREAM               |
| — — — — — | EXISTING ROADS               |
| — — — — — | ALTERNATIVE ROAD             |
| — — — — — | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |

NORTH



- |   |               |
|---|---------------|
| ▨ | UNIT          |
| ⊗ | EAGLE NEST    |
| ▨ | PRIOR HARVEST |
| ▨ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-204</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>72</u>	Quad <u>CRGD3SWS</u>
Estimated volume (mbf) <u>2120</u>	Mgmt Area <u>K08</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890124</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 19 acres VC5 52 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 5 acres 1200-1500 ft. 55 acres over 1500 ft. 12 acres  
Mass movement index: Low 5 acres Medium 0 acres High 67 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 49 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

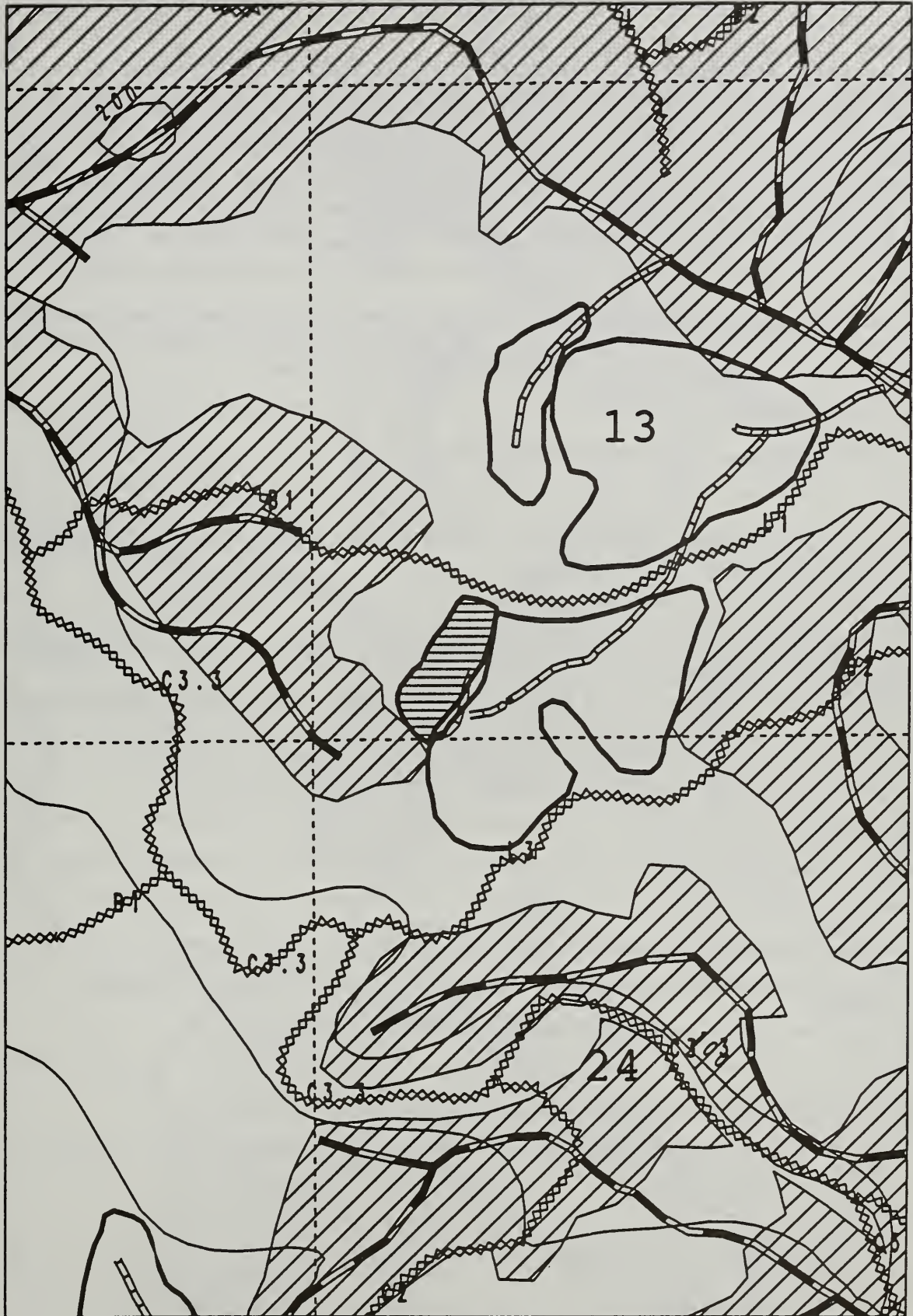
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 588-212



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- == ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-212</u>	Alternatives considered <u>3 5</u>
Planned acres <u>10</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>338</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 8 acres VC6 2 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 10 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 0 acres High 5 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 9 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

The road into this unit crosses a B1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 588-212

B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- × CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-212 B</u>	Alternatives considered <u>3 5</u>
Planned acres <u>59</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1877</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190120</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 34 acres VC6 16 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 59 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 30 acres Medium 0 acres High 29 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 38 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 7 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a B1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

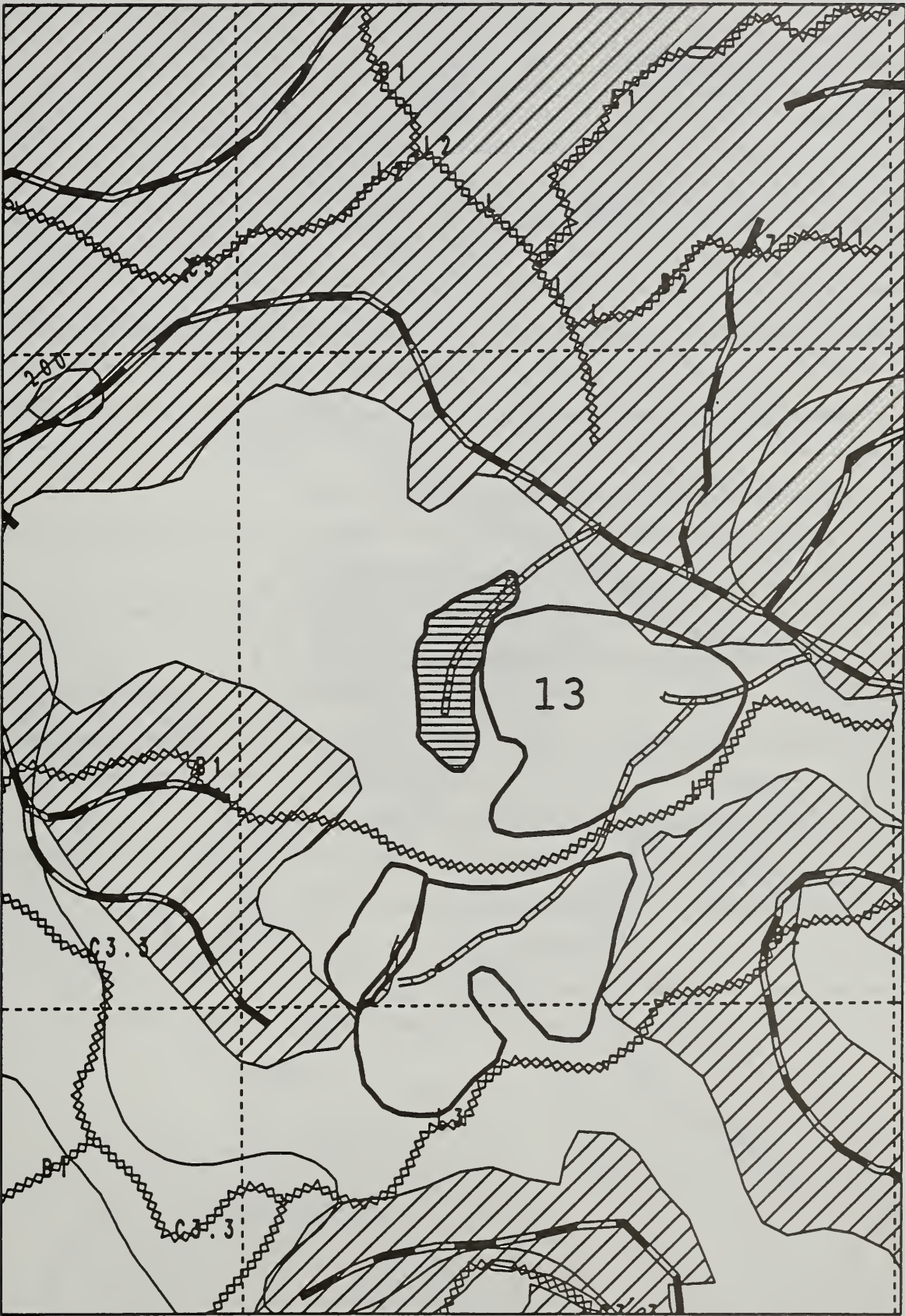
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-213



- UNCLAS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-213</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>16</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>604</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190119</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 1 acres VC6 15 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 16 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 11 acres Medium 0 acres High 5 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 588-213

B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-213 B</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>63</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1841</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190120</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 55 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 63 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 58 acres Medium 0 acres High 5 acres Very High 0 acres

SOILS

This unit contains 46 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potentially very low volume per acre.  
Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

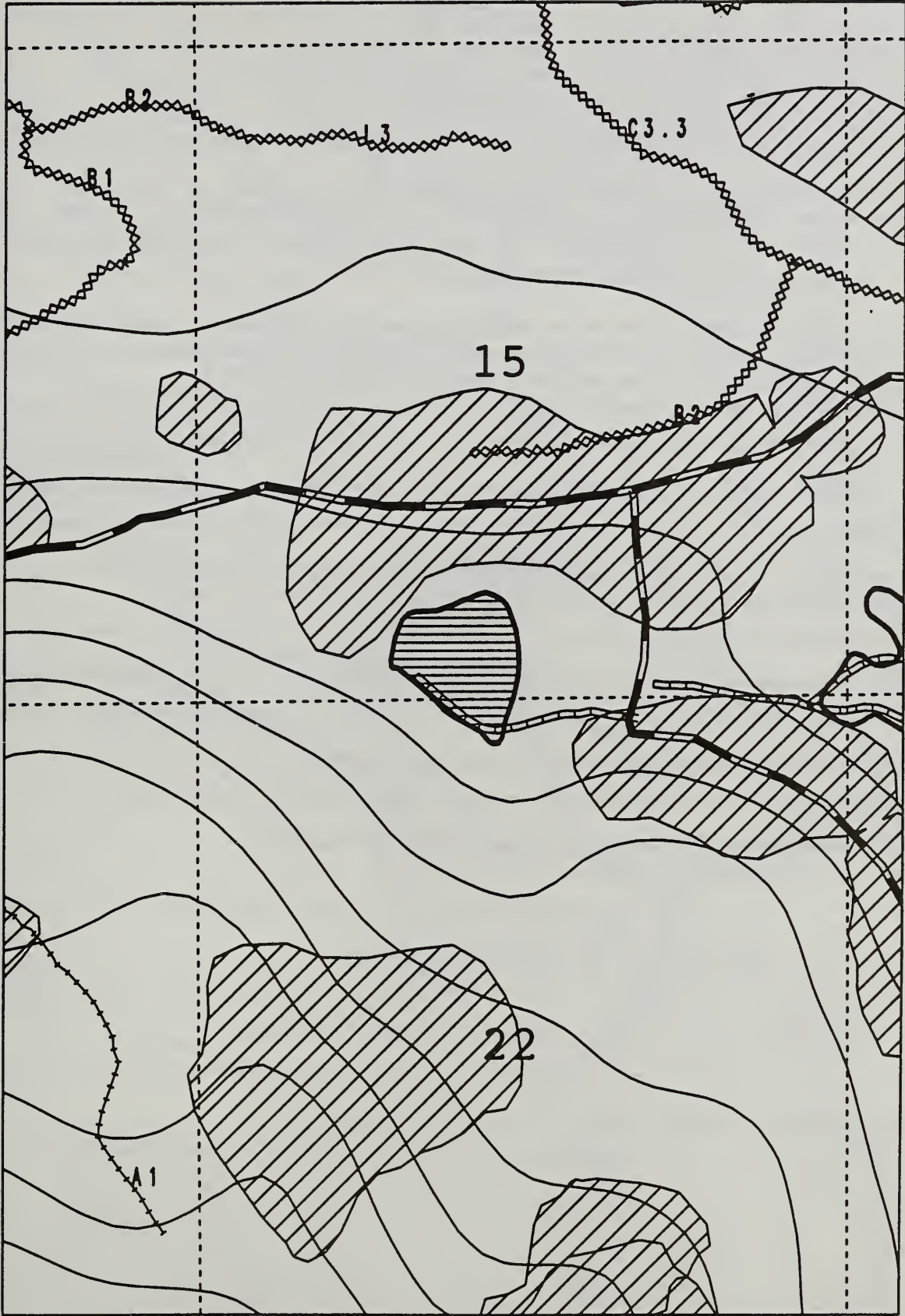
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 588-214



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-214</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>19</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>940</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290028</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 2 acres VC7 17 acres  
Elevation breakdown: 0-800 ft. 19 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 2 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 6 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 12 acres of slopes > 75%.

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Stanley Creek Road  
as viewed from from centerline of road.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

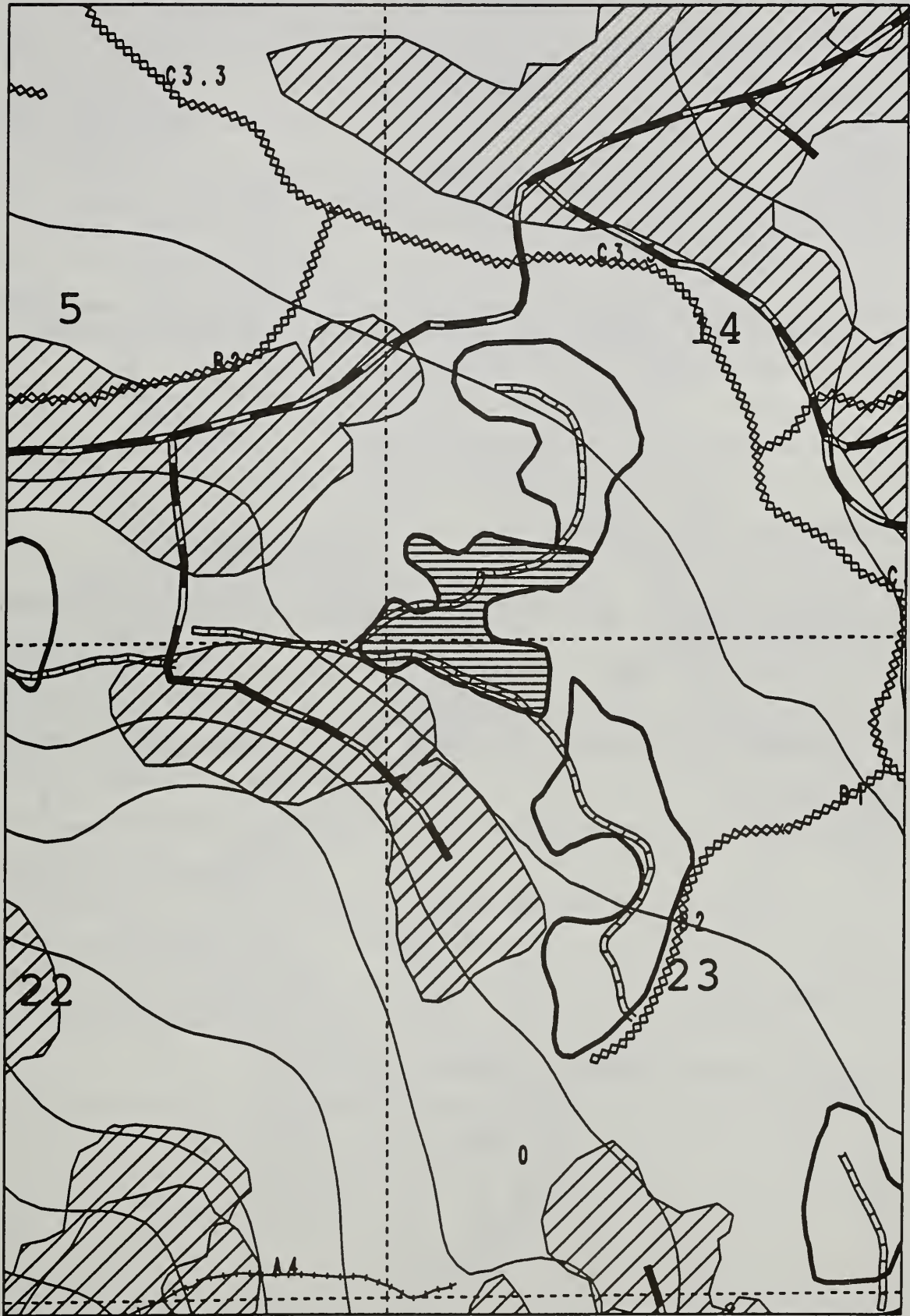
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-215



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-215</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>31</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>631</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190120</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 3 acres VC6 0 acres VC7 1 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 0 acres High 6 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 20 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

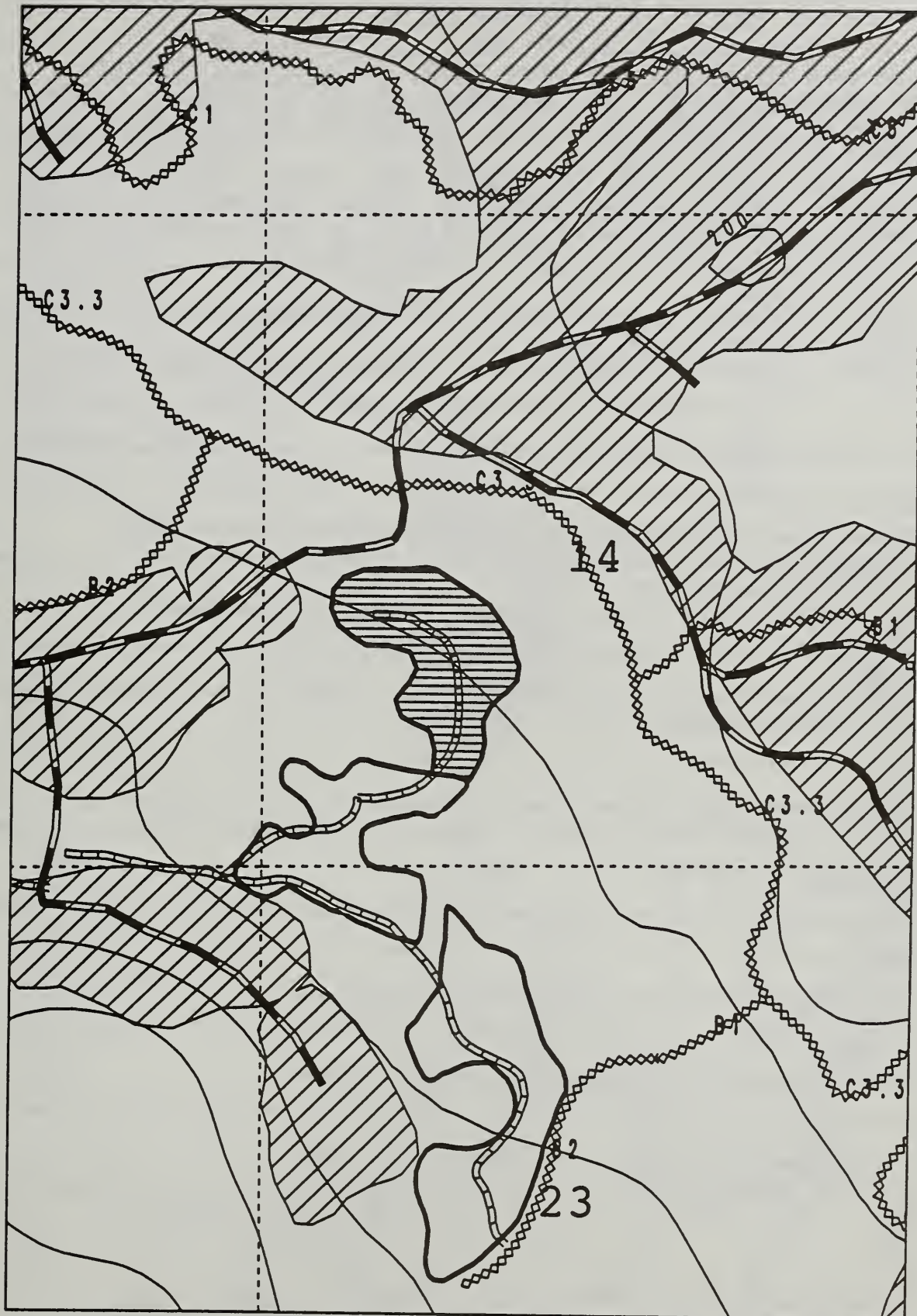
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 588-215 B



- — — — — UNCLASS. STREAM WITHIN UNITS
- - - - - CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- x — x — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-215 B</u>	Alternatives considered <u>4</u>
Planned acres <u>32</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1575</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190120</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 0 acres VC6 0 acres VC7 31 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 25 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of slopes > 75%.  
This unit contains 5 acres of riparian soils. Maintain water quality and fish habitat (BMPs12.6, 13.9).

TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP14.13).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

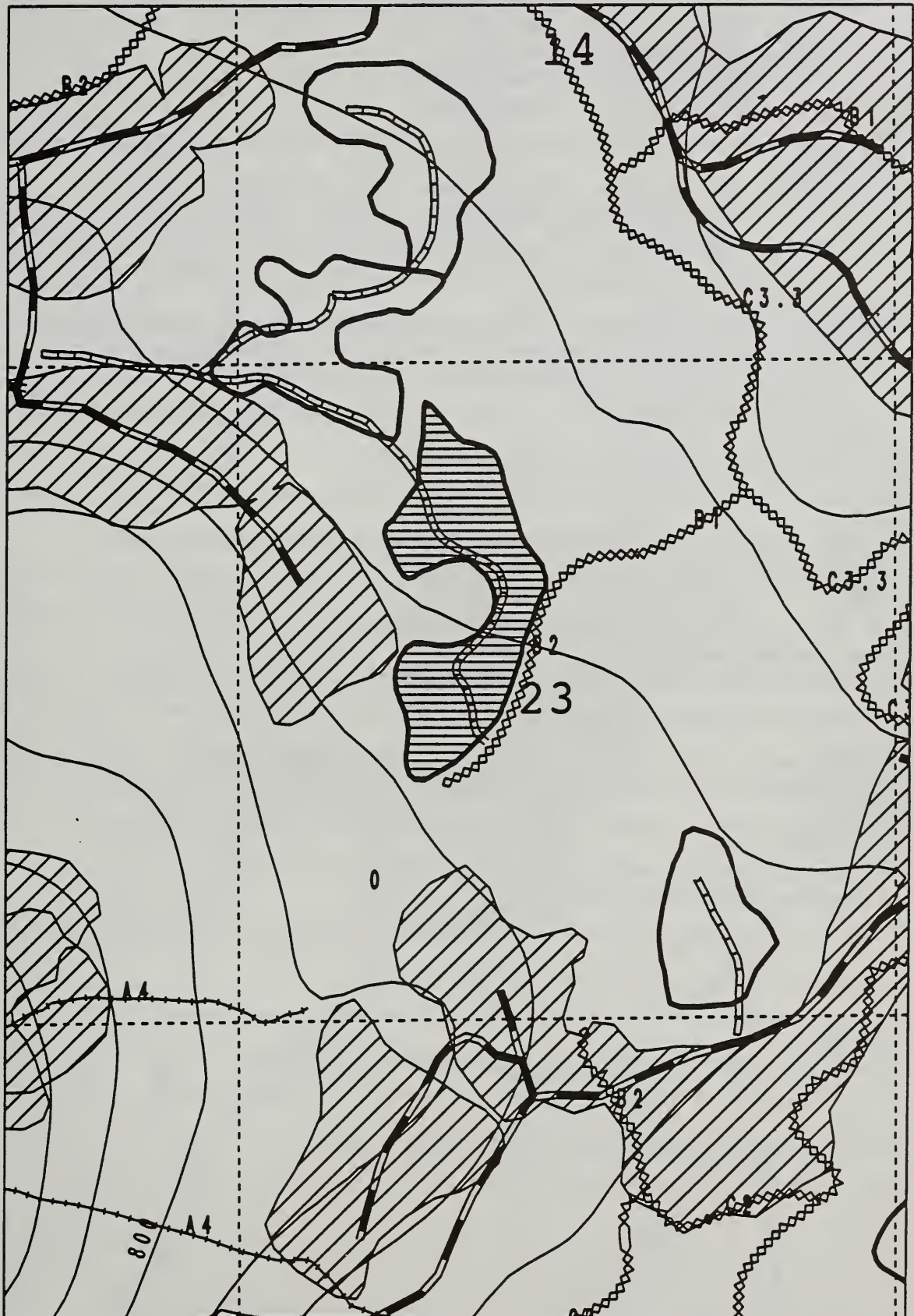
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 588-216



- — — UNCLASS. STREAM WITHIN UNITS
- ⊞ ⊞ ⊞ CLASS 1 STREAM
- ⊞ ⊞ ⊞ CLASS 2 STREAM
- ⊞ ⊞ ⊞ CLASS 3 STREAM
- — — EXISTING ROADS
- — — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-216</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>39</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1246</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190121</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 38 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 39 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 21 acres Medium 0 acres High 18 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Stanley Creek Road as viewed from from centerline of road.

LANDS

There are no lands mitigation measures anticipated for this unit.

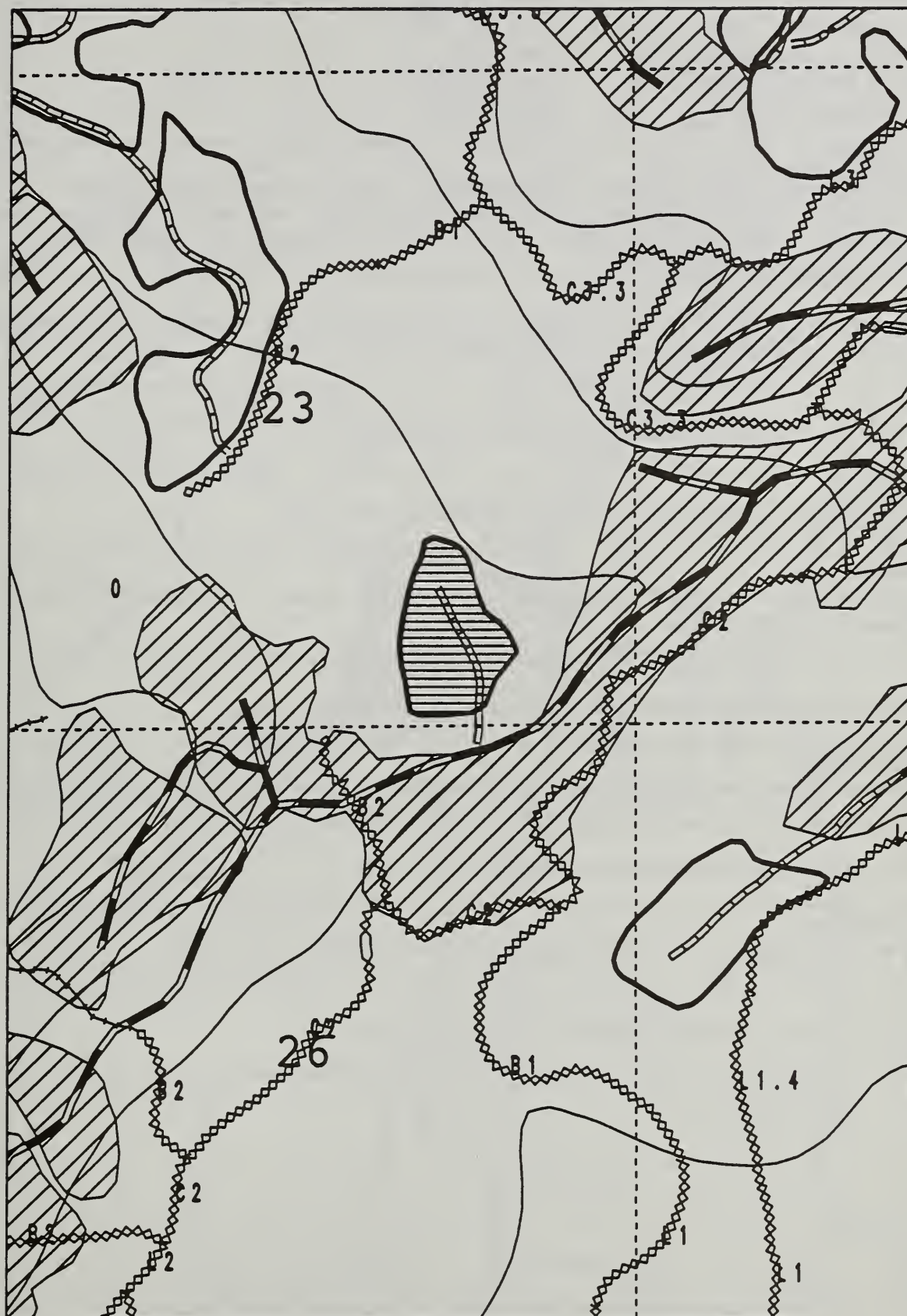
CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 588-219



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-219</u>	Alternatives considered <u>2</u>
Planned acres <u>21</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>404</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 10 acres VC6 2 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 21 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 2 acres Very High 0 acres

SOILS

This unit contains 9 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

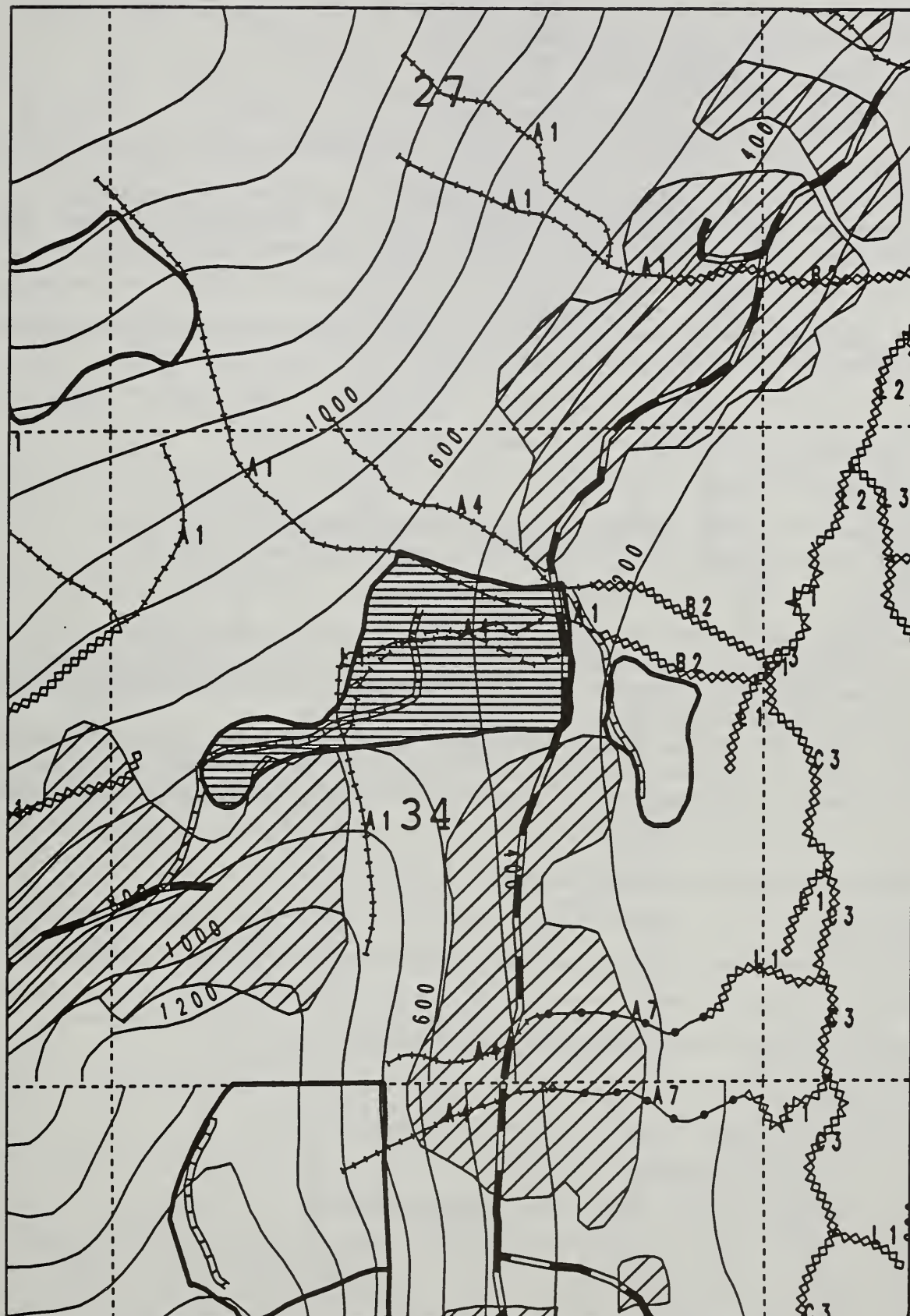
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 588-225



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-225</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>62</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1967</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290025</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 60 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 62 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 10 acres Medium 0 acres High 52 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Harvest of this unit may interfere with ongoing FSL research on salmon survival and debris stability in Aha Creek.  
This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

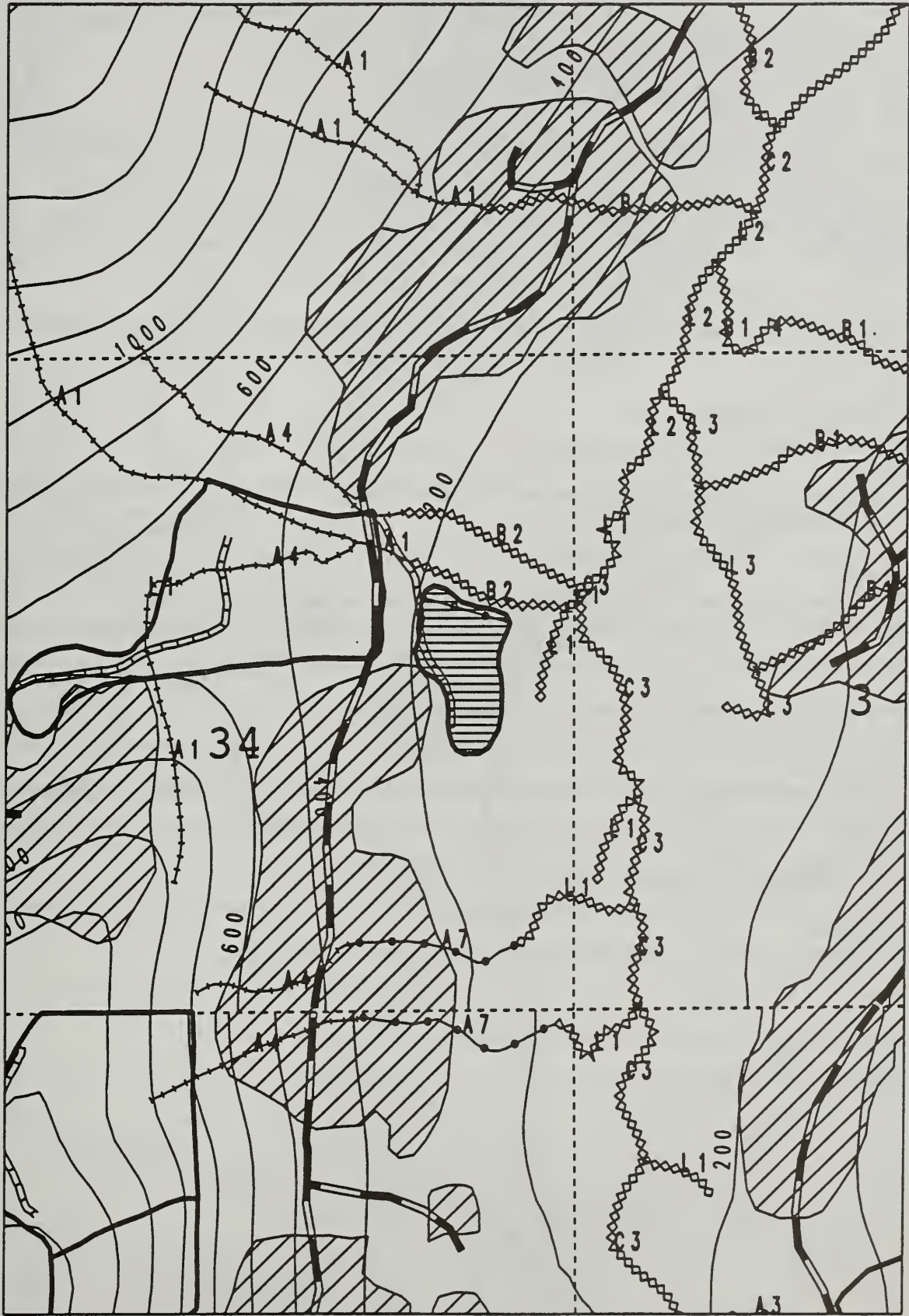
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 588-226



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-226</u>	Alternatives considered <u>2</u>
Planned acres <u>15</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>219</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290025</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 15 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 4 acres of riparian soils. Maintain water quality and fish habitat (BMPs 12.6, 13.9).

TIMBER

Potentially very low volume per acre.

ENGINEERING

This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP 14.13).

FISH/WATERSHED

This unit contains a B2 class 3 stream. Allow only single tree harvest within 25 feet.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

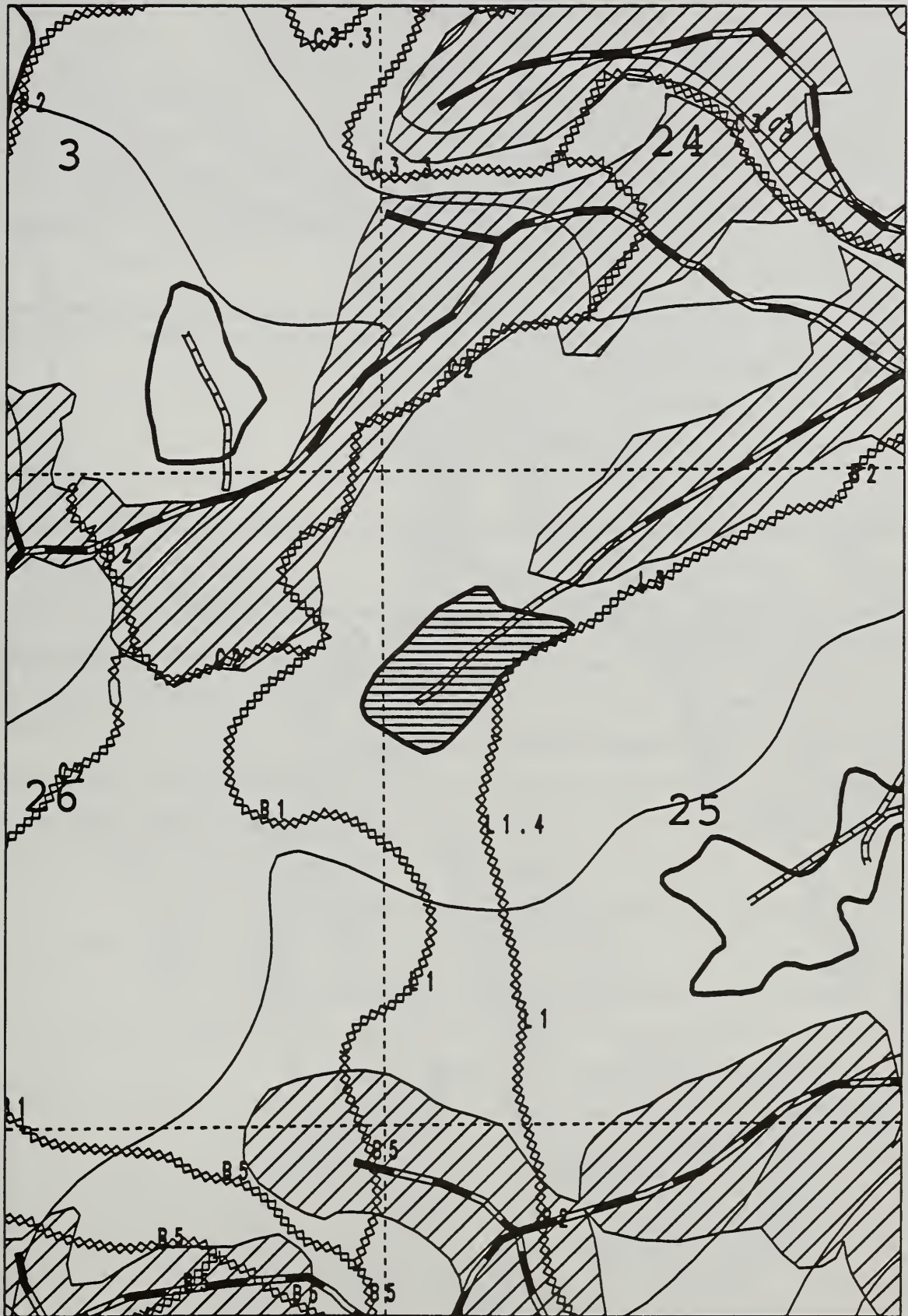
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-231



- — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ CLASS 1 STREAM
- • — CLASS 2 STREAM
- + — CLASS 3 STREAM
- — — EXISTING ROADS
- + — ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-231</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>26</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>774</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190121</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 11 acres VC5 0 acres VC6 14 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 26 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 0 acres High 14 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 23 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a L3 class 1 stream. No harvest with 100 feet and partial cut within 100-500 feet of lake.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

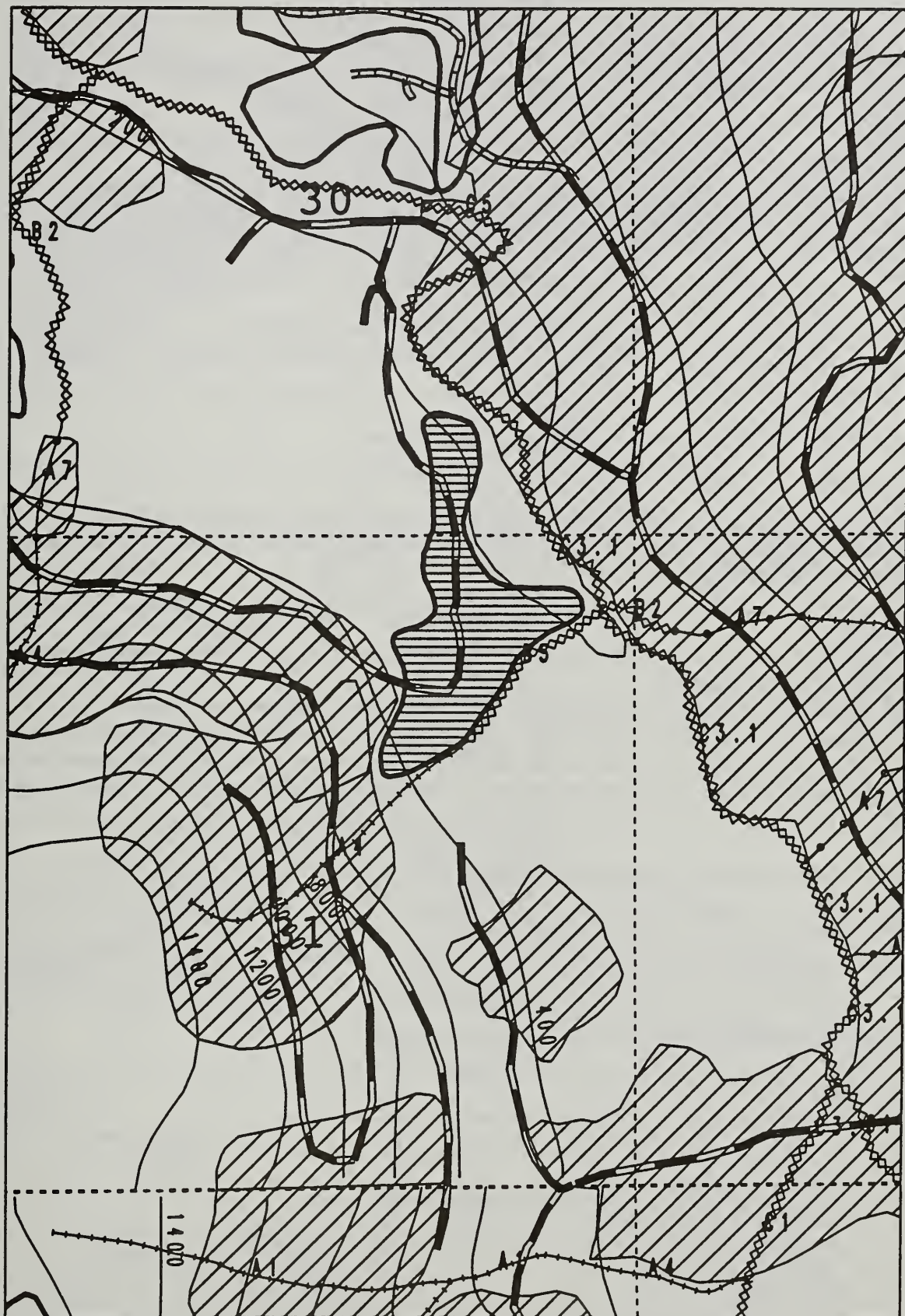
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 588-237



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-237</u>	Alternatives considered <u>4</u>
Planned acres <u>41</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1280</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190041</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 0 acres VC6 25 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 41 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 41 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 34 acres of riparian soils. Maintain water quality and fish habitat (BMPs 12.6, 13.9).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP 14).  
This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP 14.13).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a C3 stream. No harvest within 200 feet of stream.  
This unit is immediately adjacent to a B5 stream. No harvest within active fan or 100 feet of stream.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

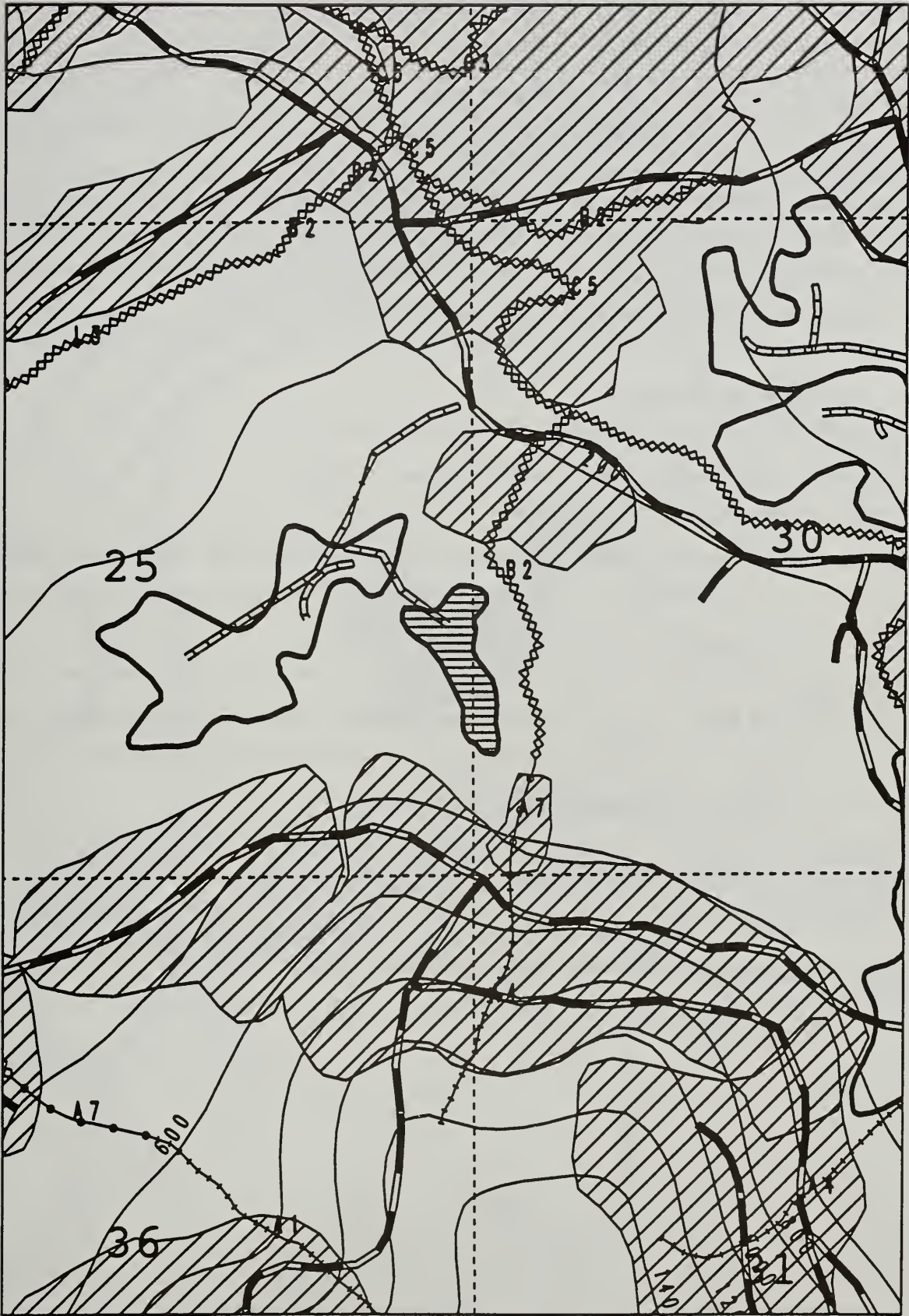
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 588-240



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-240</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>11</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>241</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190041</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 11 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 11 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

Potentially very low volume per acre.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.





UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-241</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>40</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>832</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190041</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 38 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 40 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

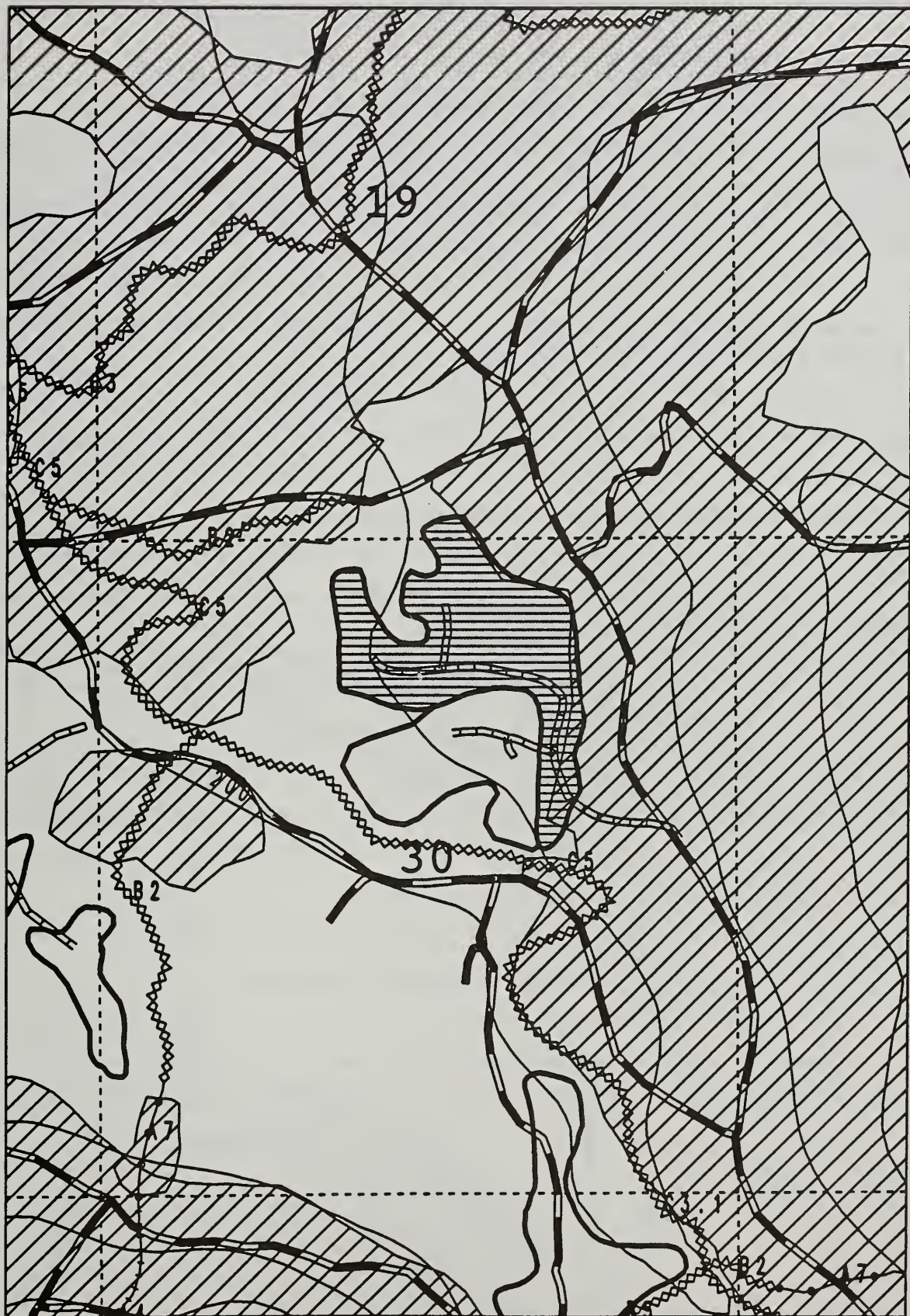
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 588-249



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-249</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>52</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1246</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 32 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 52 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 52 acres Medium 0 acres High 0 acres Very High 0 acres

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SOILS

This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

Immediately adjacent to a C5 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

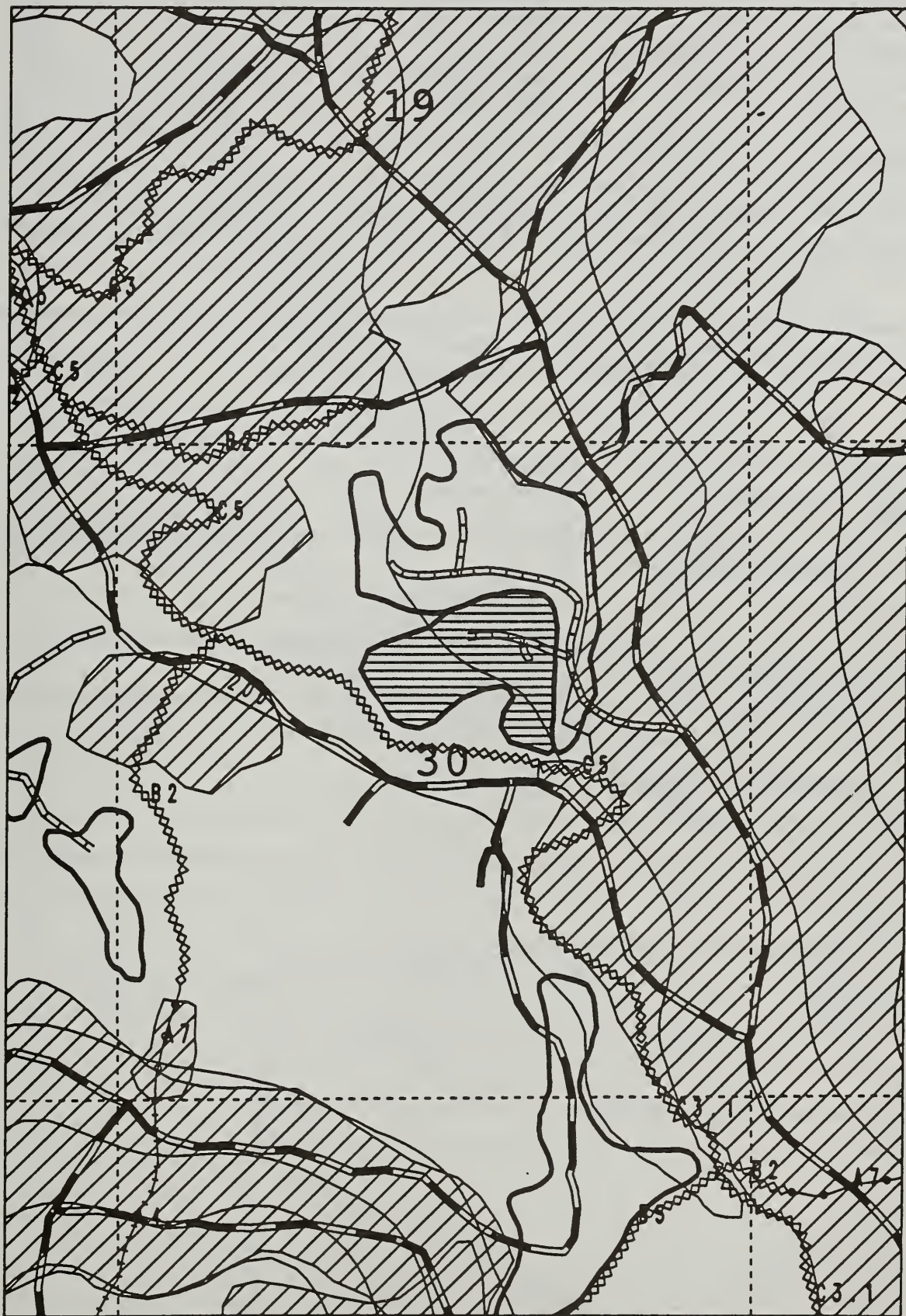
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SCALE 1:15840

UNIT 588-249

B



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-249 B</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>29</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>775</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190040</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 19 acres VC5 4 acres VC6 6 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 29 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 0 acres Very High 0 acres

SOILS

This unit contains 13 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 2 acres of riparian soils. Maintain water quality and fish habitat (BMPs 12.6, 13.9).

TIMBER

Potentially very low volume per acre.

ENGINEERING

This unit contains riparian soils. Use site specific BMPs to maintain water quality and fish habitat/passage during road construction (BMP 14.13).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a C5 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

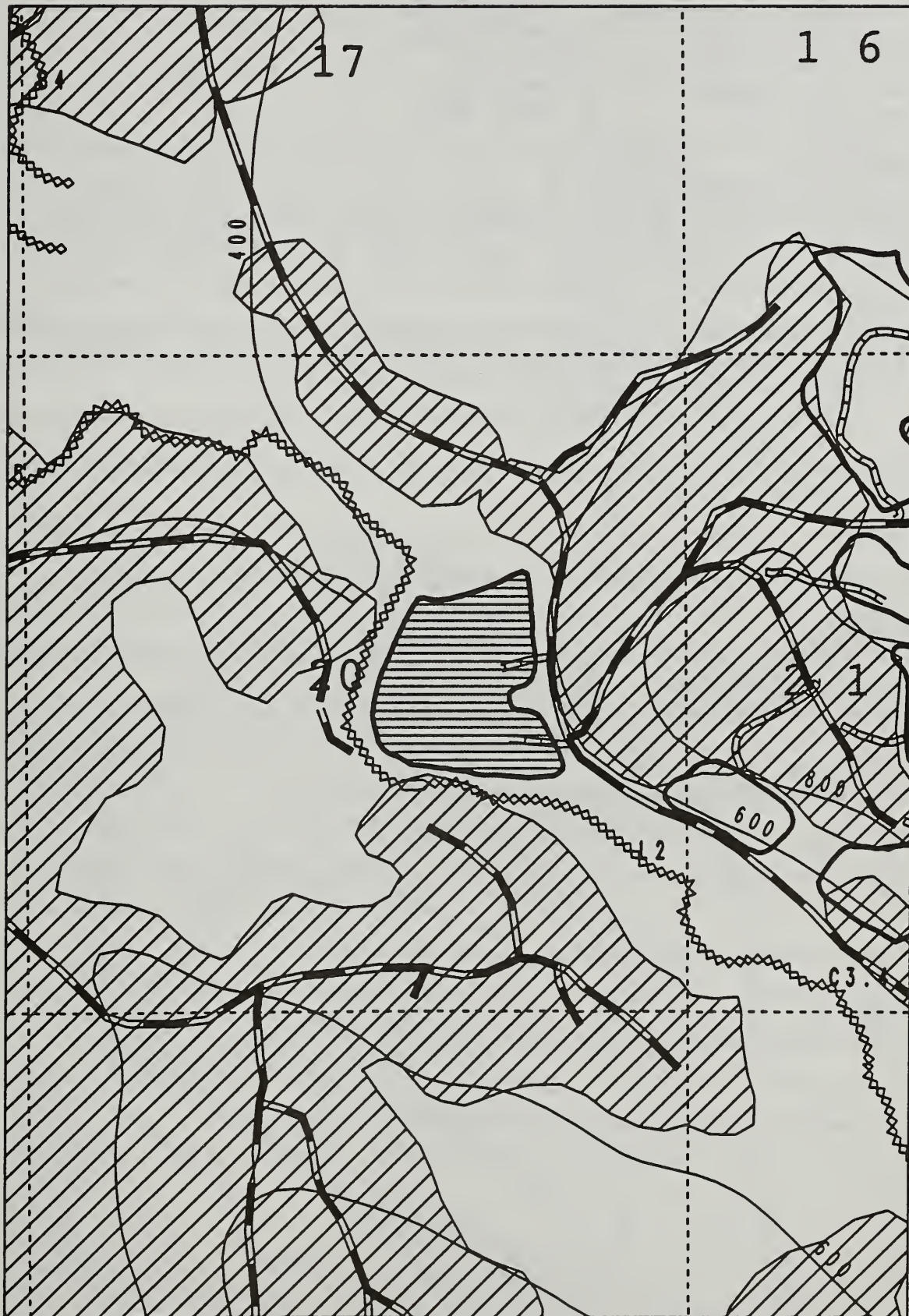
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-257



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-257</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>40</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1168</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 11 acres VC5 19 acres VC6 4 acres VC7 3 acres  
Elevation breakdown: 0-800 ft. 40 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 38 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Water quality streams may be present, where it is impractical to split yard. Full suspension required over all streamcourses (BMPs13.9, 13.16).

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a L2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

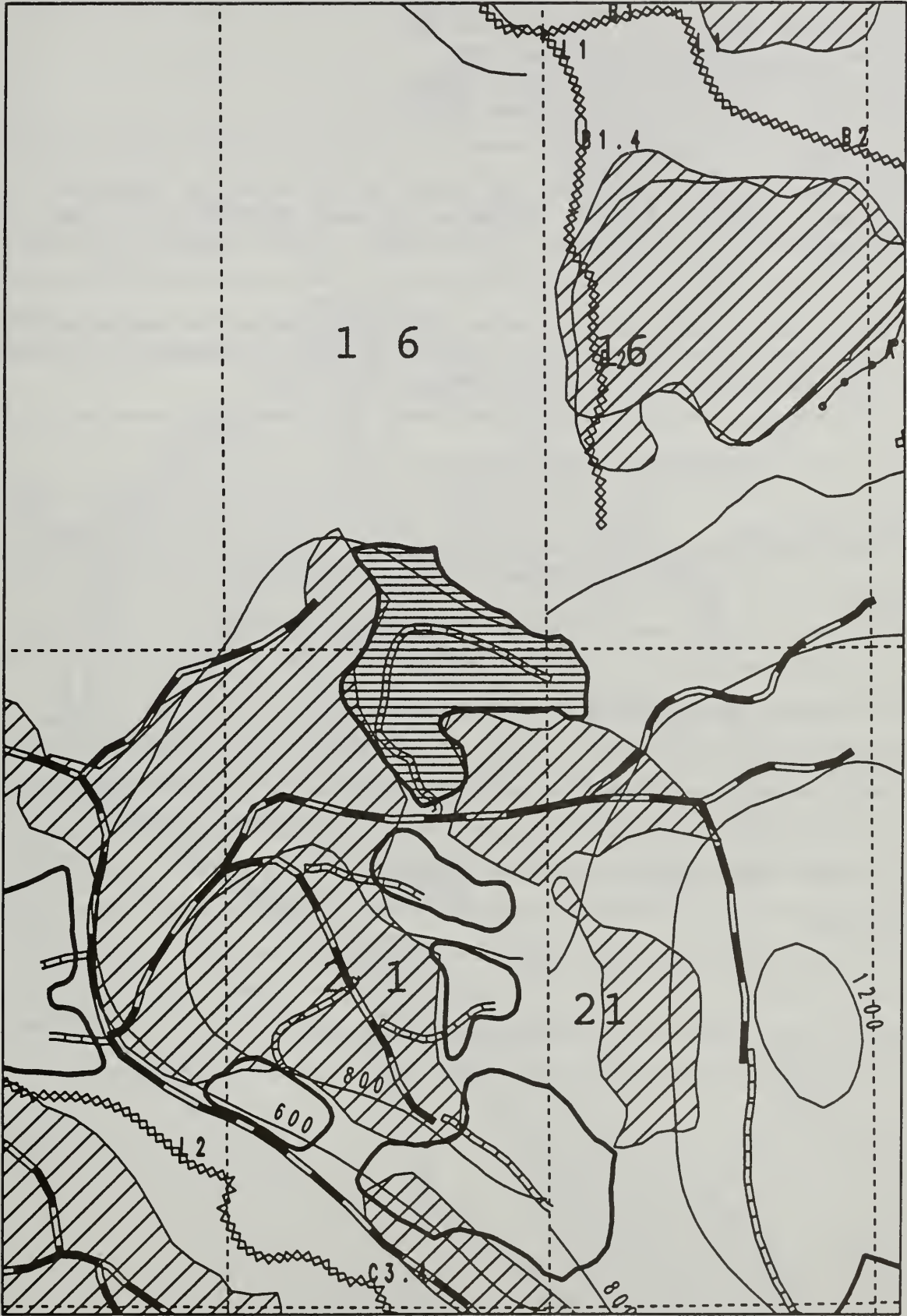
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 588-259



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- o--- CLASS 2 STREAM
- +--- CLASS 3 STREAM
- == EXISTING ROADS
- +--- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-259</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>49</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1377</u>	Mgmt Area <u>K08</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190054</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 42 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 8 acres 800-1200 ft. 42 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

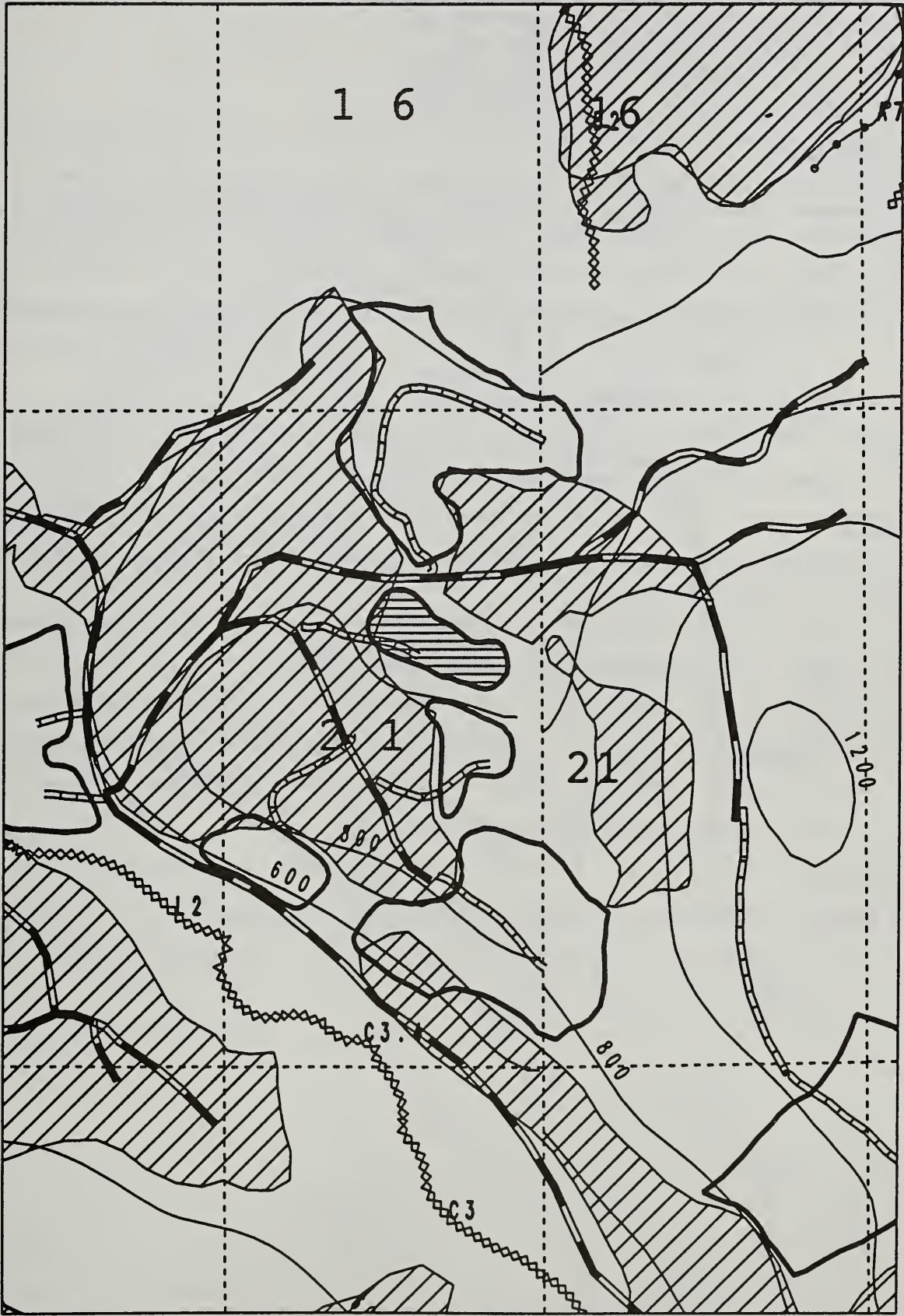
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-260



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-260</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>11</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>295</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190054</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 9 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 11 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 0 acres High 2 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

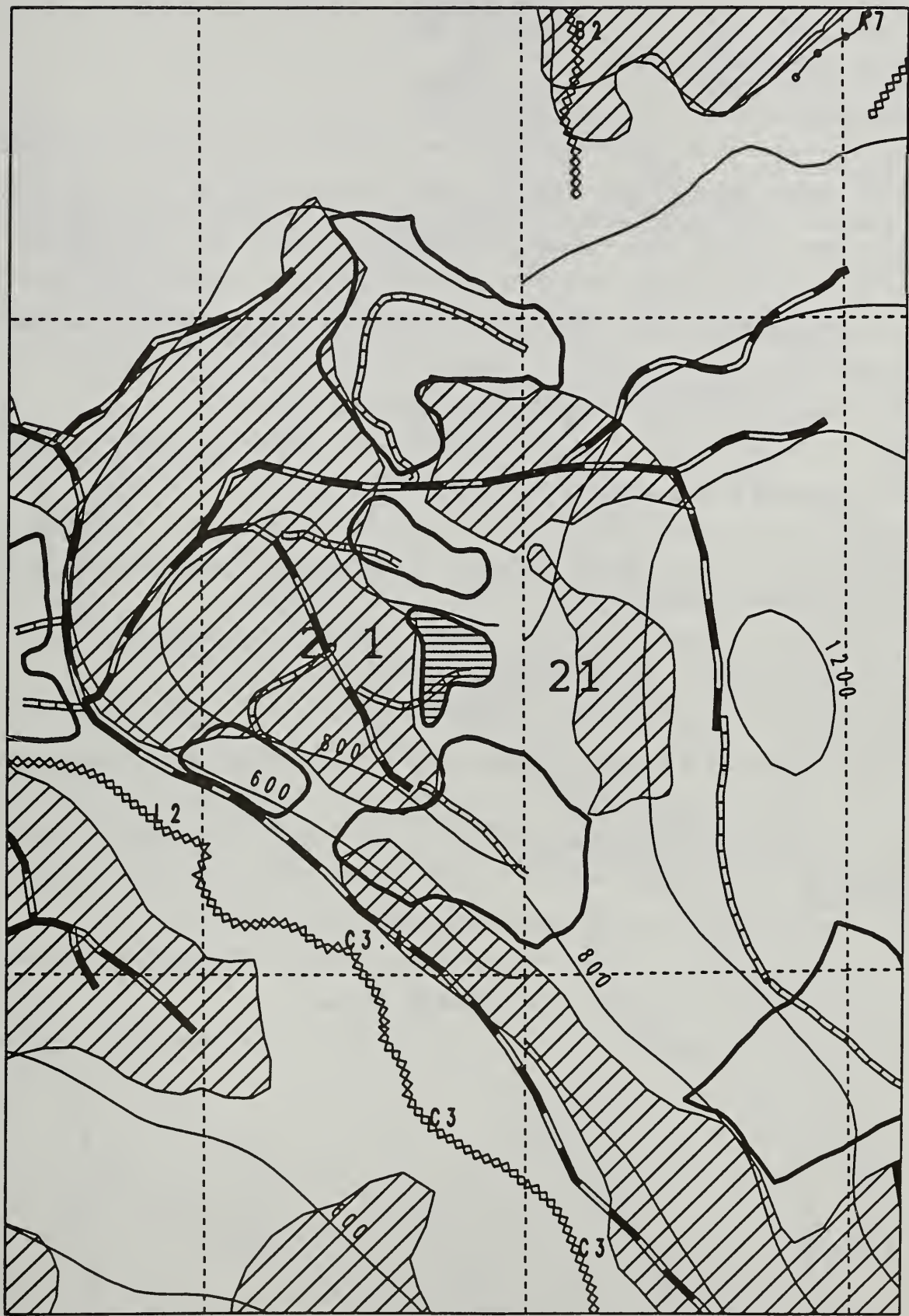
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-261



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-261</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>8</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>229</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190054</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 7 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 8 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 1 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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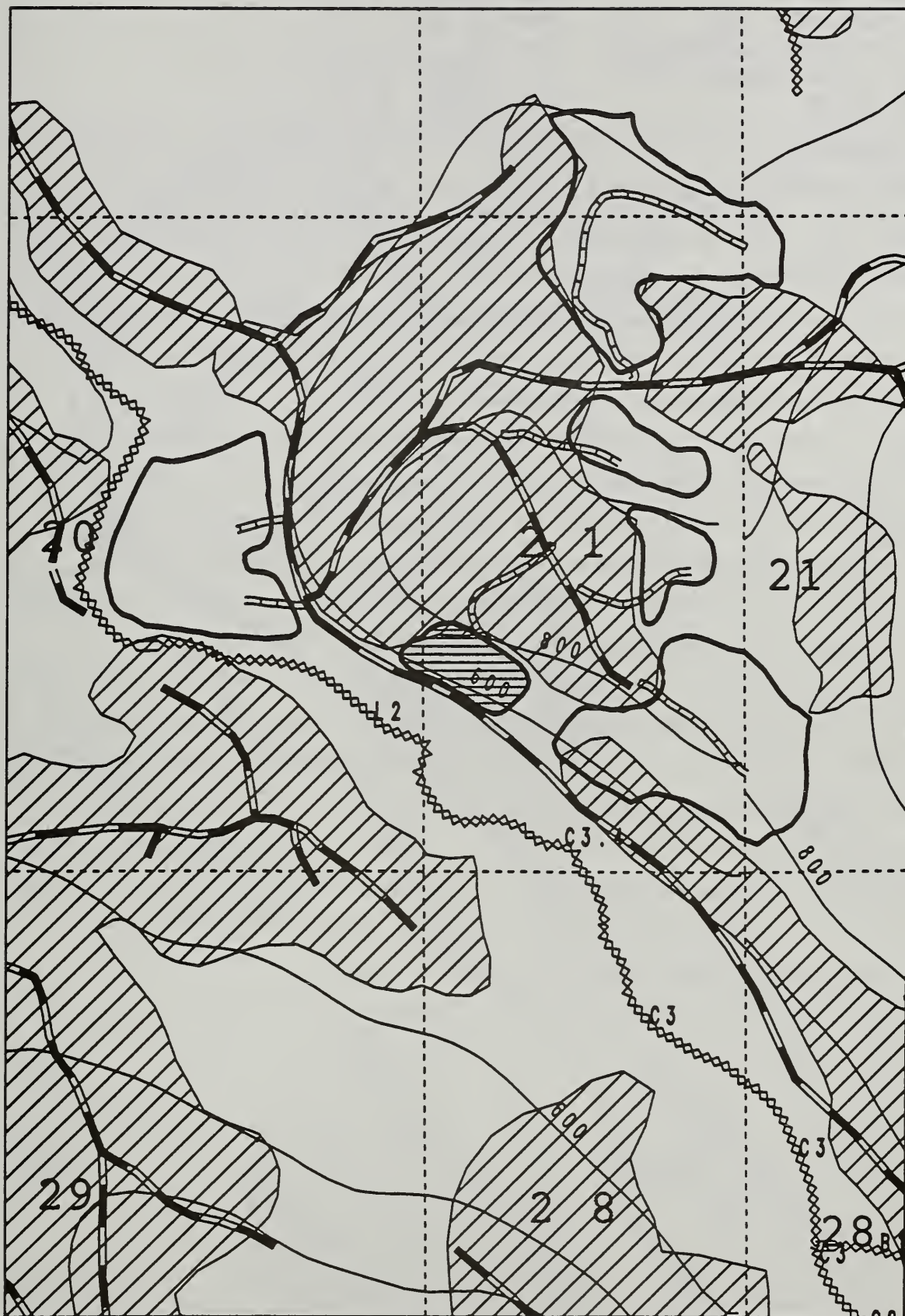
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 588-262



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-262</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>10</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>328</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190054</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 10 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 9 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 0 acres High 4 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

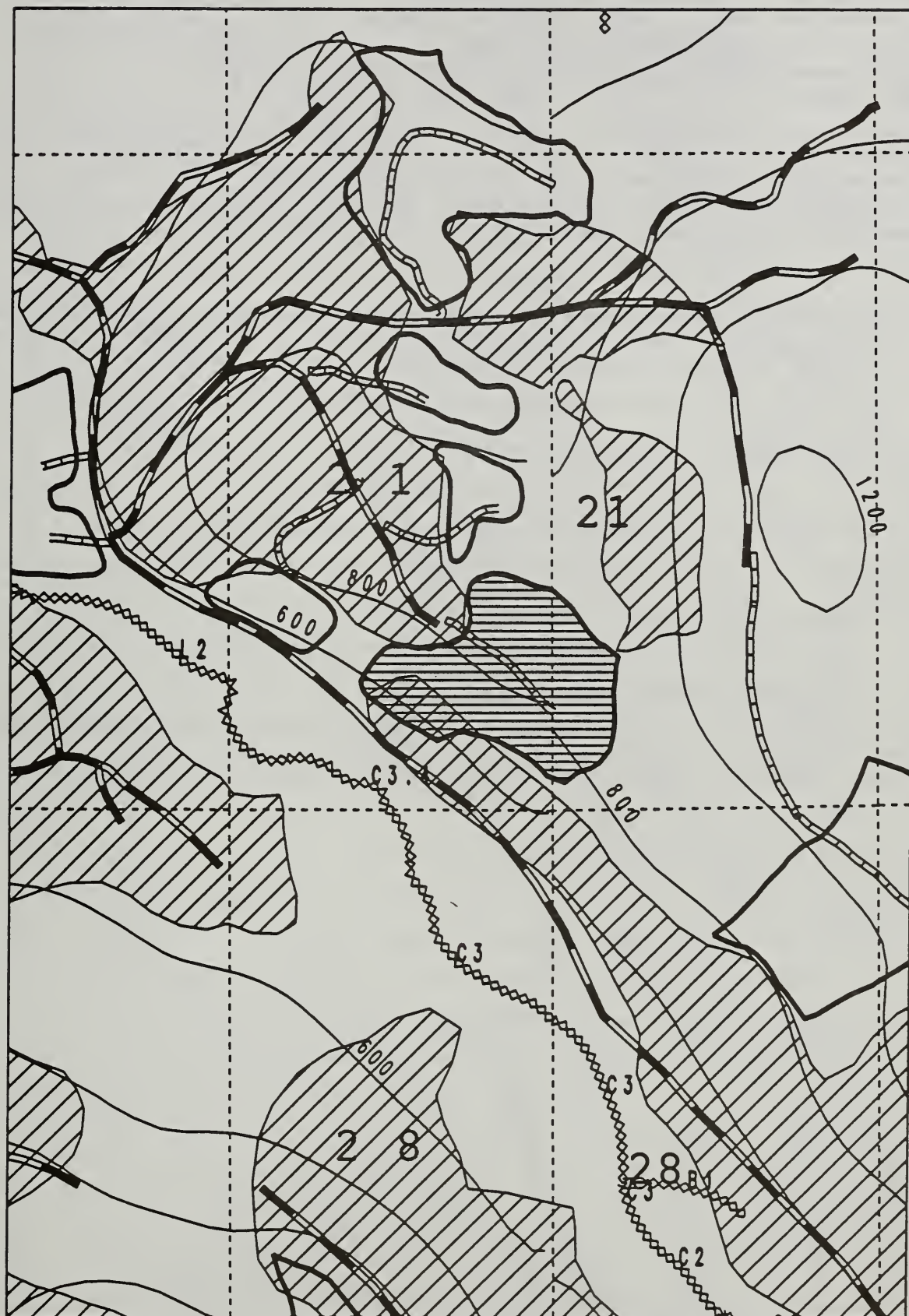
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-263



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-263</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>47</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1360</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190054</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 29 acres VC6 5 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 5 acres 800-1200 ft. 42 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 38 acres Medium 0 acres High 9 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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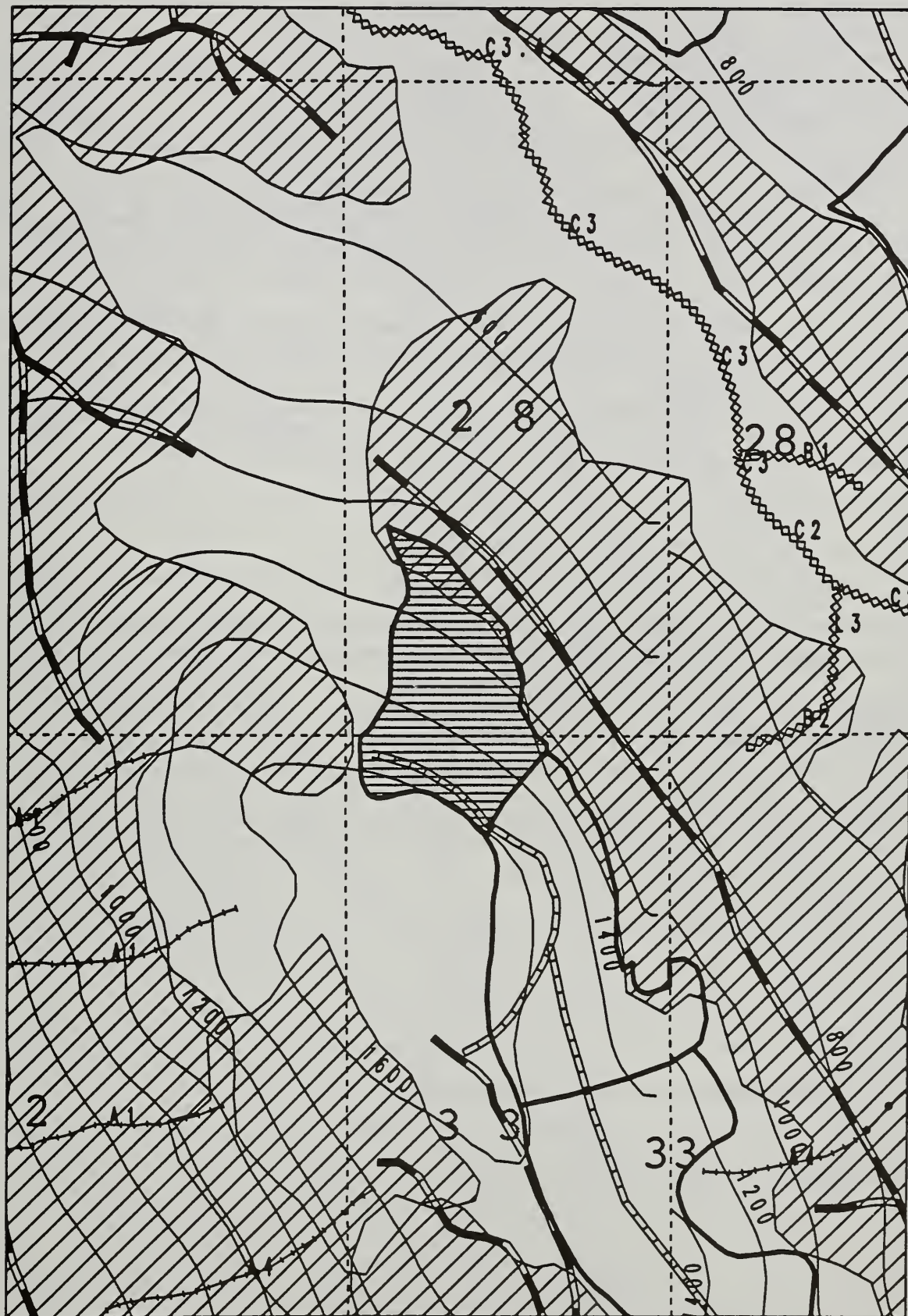
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 588-268



- — — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-268</u>	Alternatives considered <u>3</u>
Planned acres <u>48</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1569</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190052</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 18 acres VC6 24 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 14 acres 1200-1500 ft. 25 acres over 1500 ft. 9 acres  
Mass movement index: Low 26 acres Medium 0 acres High 22 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit contains 16 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 21 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

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WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for  
every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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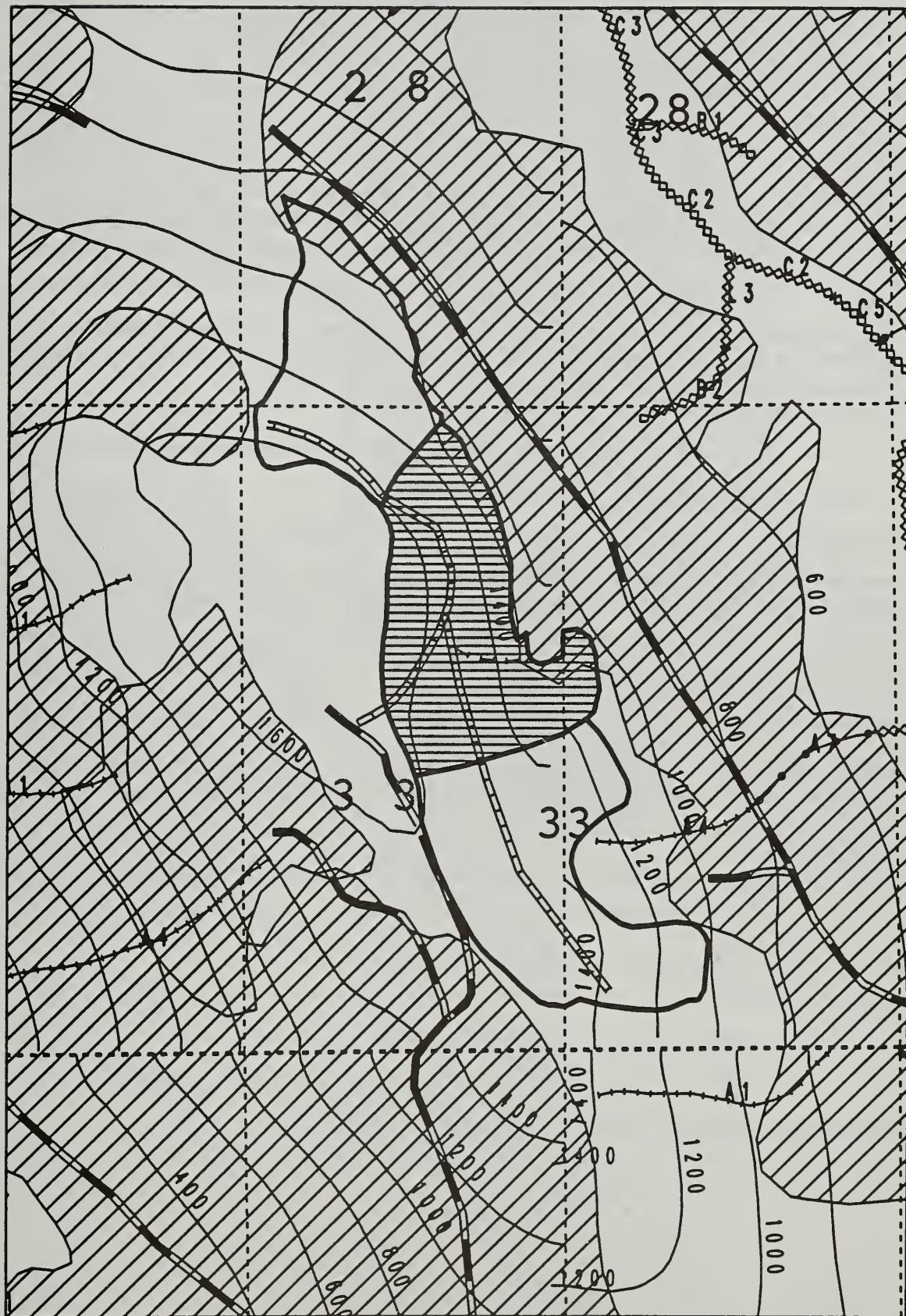
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 588-269



- — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-269</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>67</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>2182</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190052</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 5 acres VC6 49 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 8 acres 1200-1500 ft. 32 acres over 1500 ft. 26 acres  
Mass movement index: Low 14 acres Medium 0 acres High 53 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 48 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 26 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

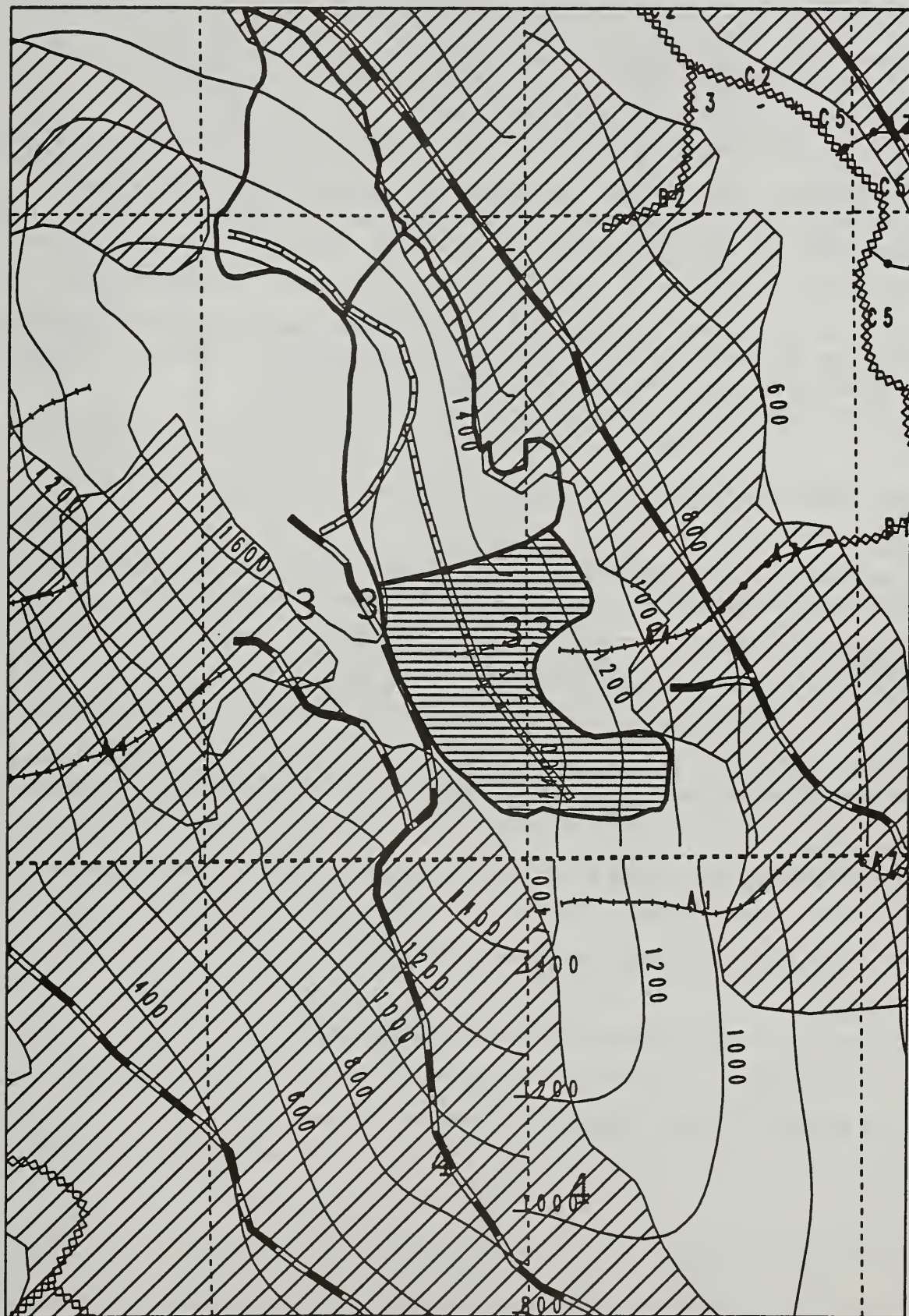
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-270



- — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- +—+— EXISTING ROADS
- +—+— ALTERNATIVE ROAD
- — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-270</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>69</u>	Quad <u>CRGD3SWS</u>
Estimated volume (mbf) <u>2168</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190052</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 22 acres VC6 30 acres VC7 6 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 15 acres 1200-1500 ft. 31 acres over 1500 ft. 23 acres  
Mass movement index: Low 25 acres Medium 0 acres High 44 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 56 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 13 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

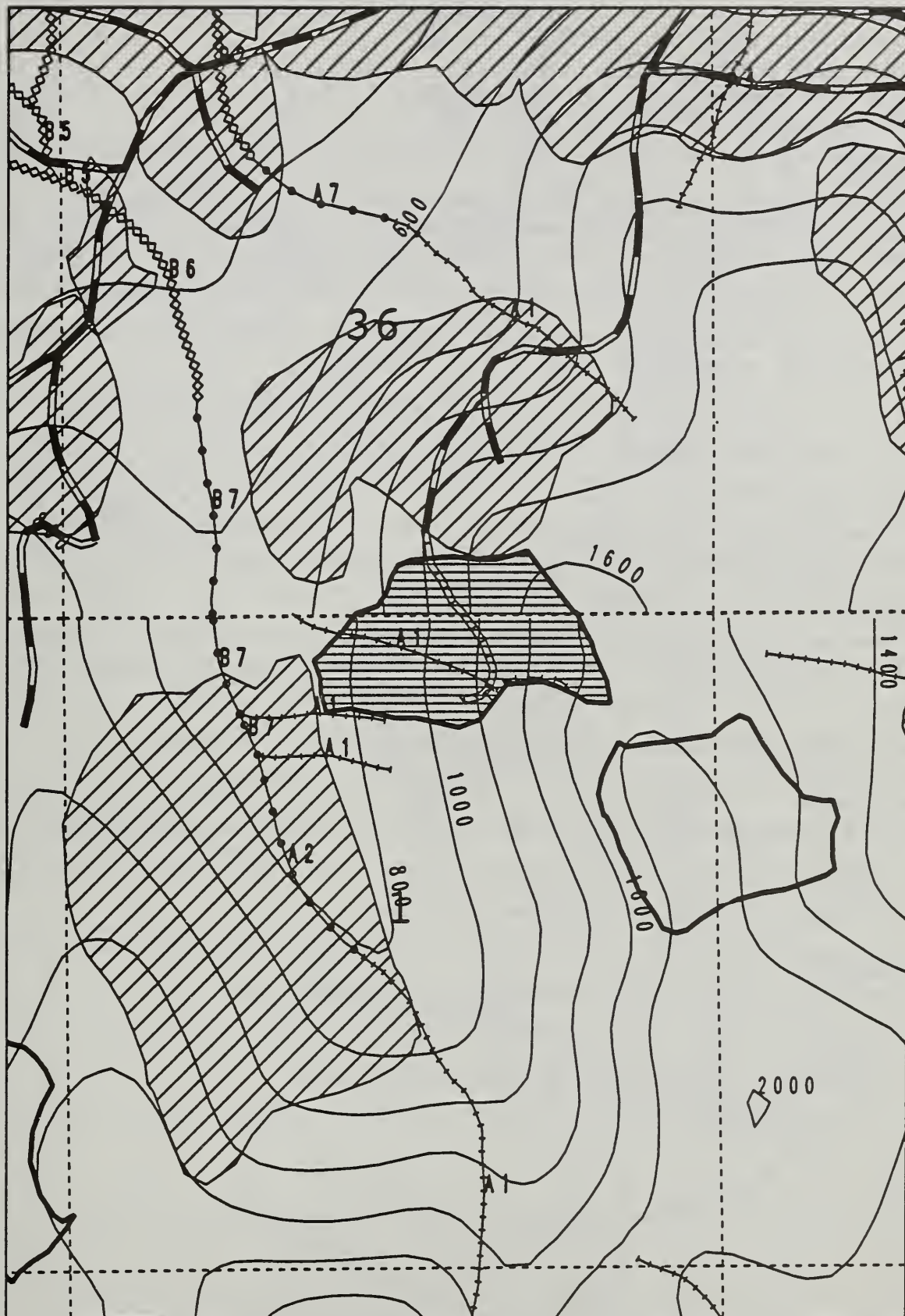
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-276



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-276</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>51</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1676</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190123</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 43 acres VC6 7 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 2 acres 800-1200 ft. 21 acres 1200-1500 ft. 17 acres over 1500 ft. 11 acres  
Mass movement index: Low 15 acres Medium 0 acres High 36 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 18 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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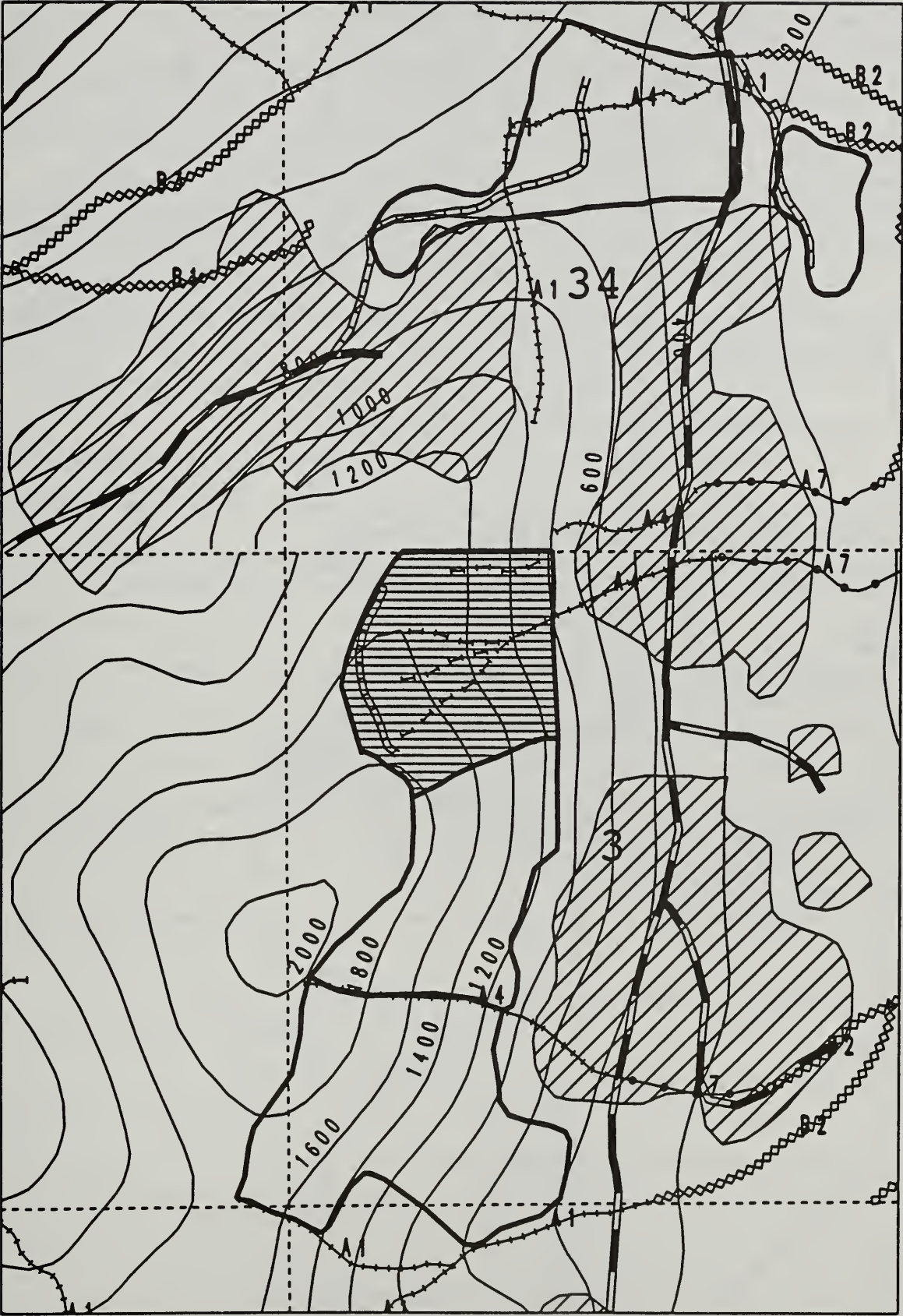
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 588-277



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- ===== EXISTING ROADS
- ===== ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- ===== UNIT
- ===== EAGLE NEST
- ===== PRIOR HARVEST
- ===== WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-277</u>	Alternatives considered <u>2</u>
Planned acres <u>62</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2054</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290024</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 1 acres VC5 61 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 13 acres 1200-1500 ft. 22 acres over 1500 ft. 27 acres  
Mass movement index: Low 28 acres Medium 0 acres High 34 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 54 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

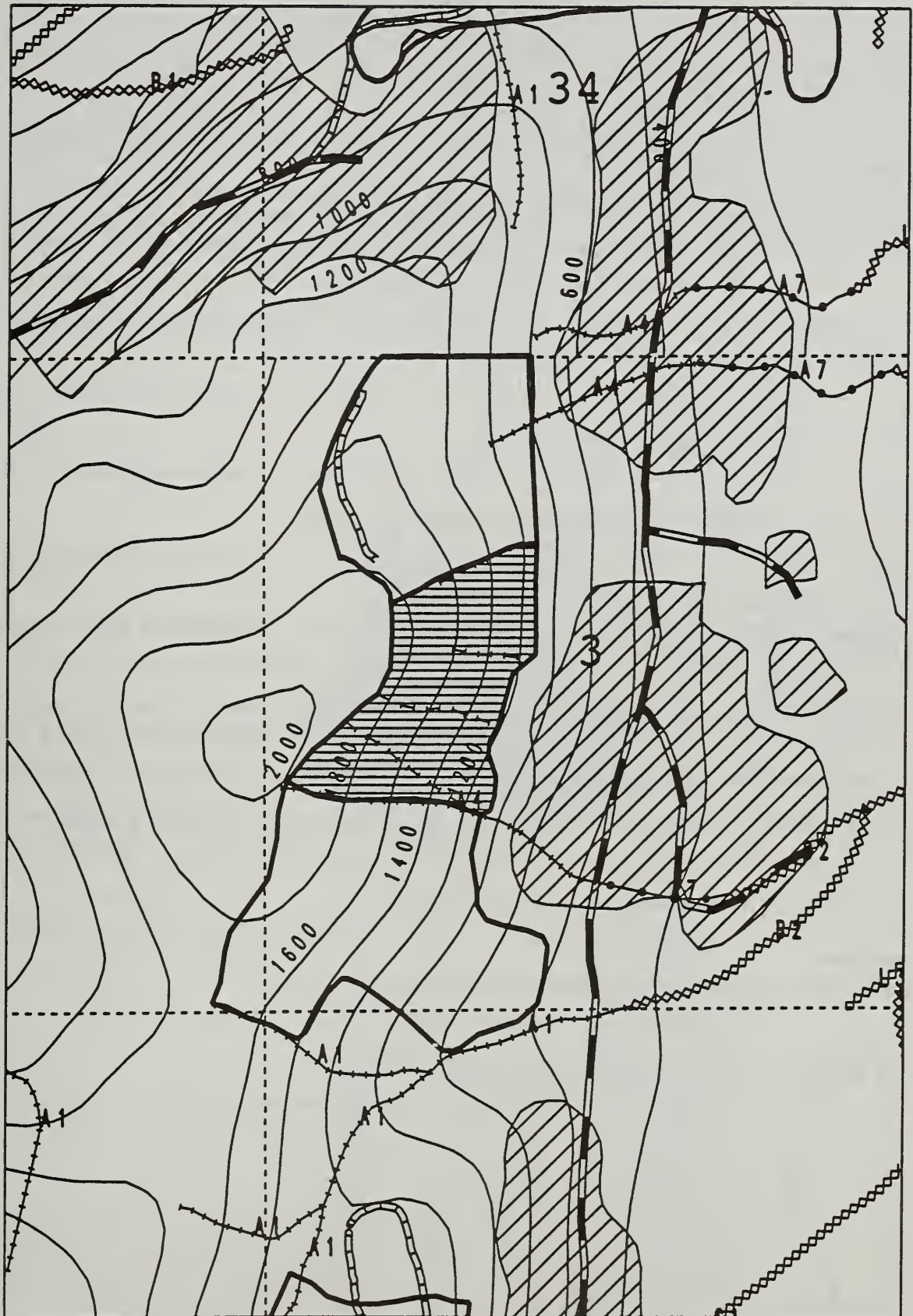
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-278



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-278</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>54</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1770</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290024</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 54 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 11 acres 1200-1500 ft. 18 acres over 1500 ft. 26 acres  
Mass movement index: Low 19 acres Medium 0 acres High 35 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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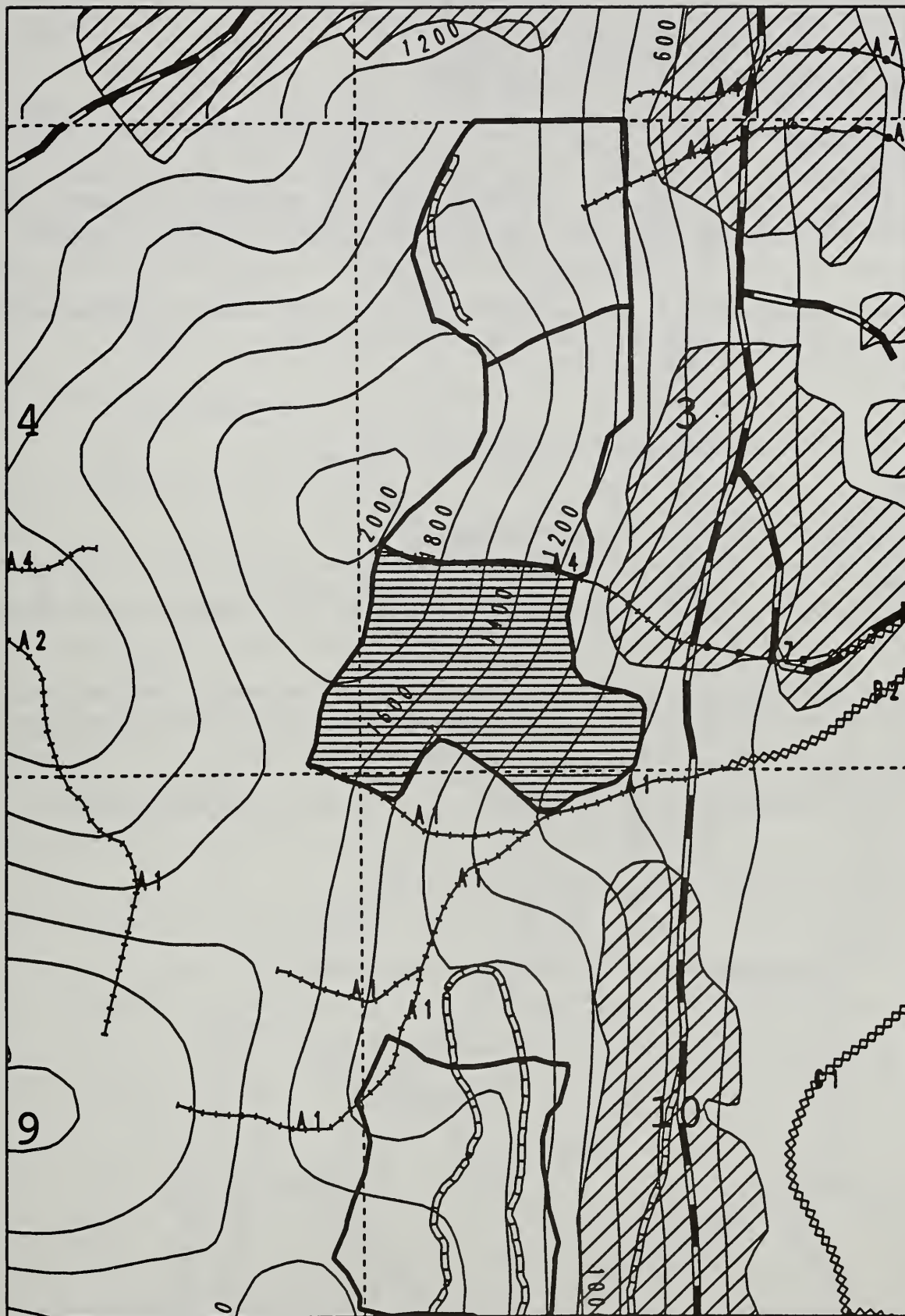
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 588-279



- — — — UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- — ● — CLASS 2 STREAM
- — — — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-279</u>	Alternatives considered <u>5</u>
Planned acres <u>84</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2754</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290024</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 84 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 12 acres 800-1200 ft. 20 acres 1200-1500 ft. 19 acres over 1500 ft. 33 acres  
Mass movement index: Low 28 acres Medium 2 acres High 54 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 54 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

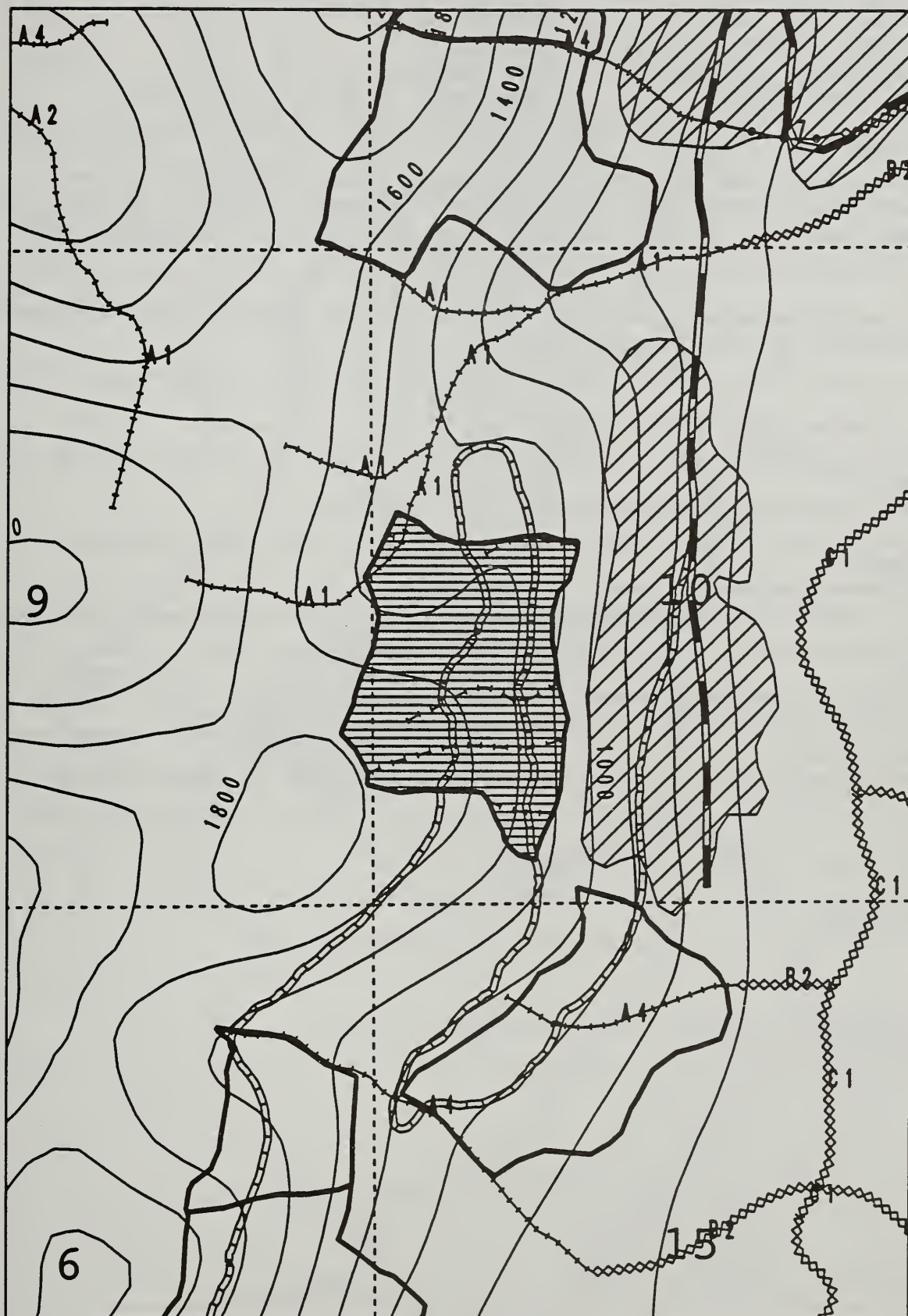
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-283



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-283</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>79</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2480</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>1290022</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 4 acres VC5 73 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 5 acres 1200-1500 ft. 48 acres over 1500 ft. 26 acres  
Mass movement index: Low 25 acres Medium 0 acres High 54 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 48 acres of slopes > 75%.

TIMBER

Shelterwood harvest. Cedar will not be harvested.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

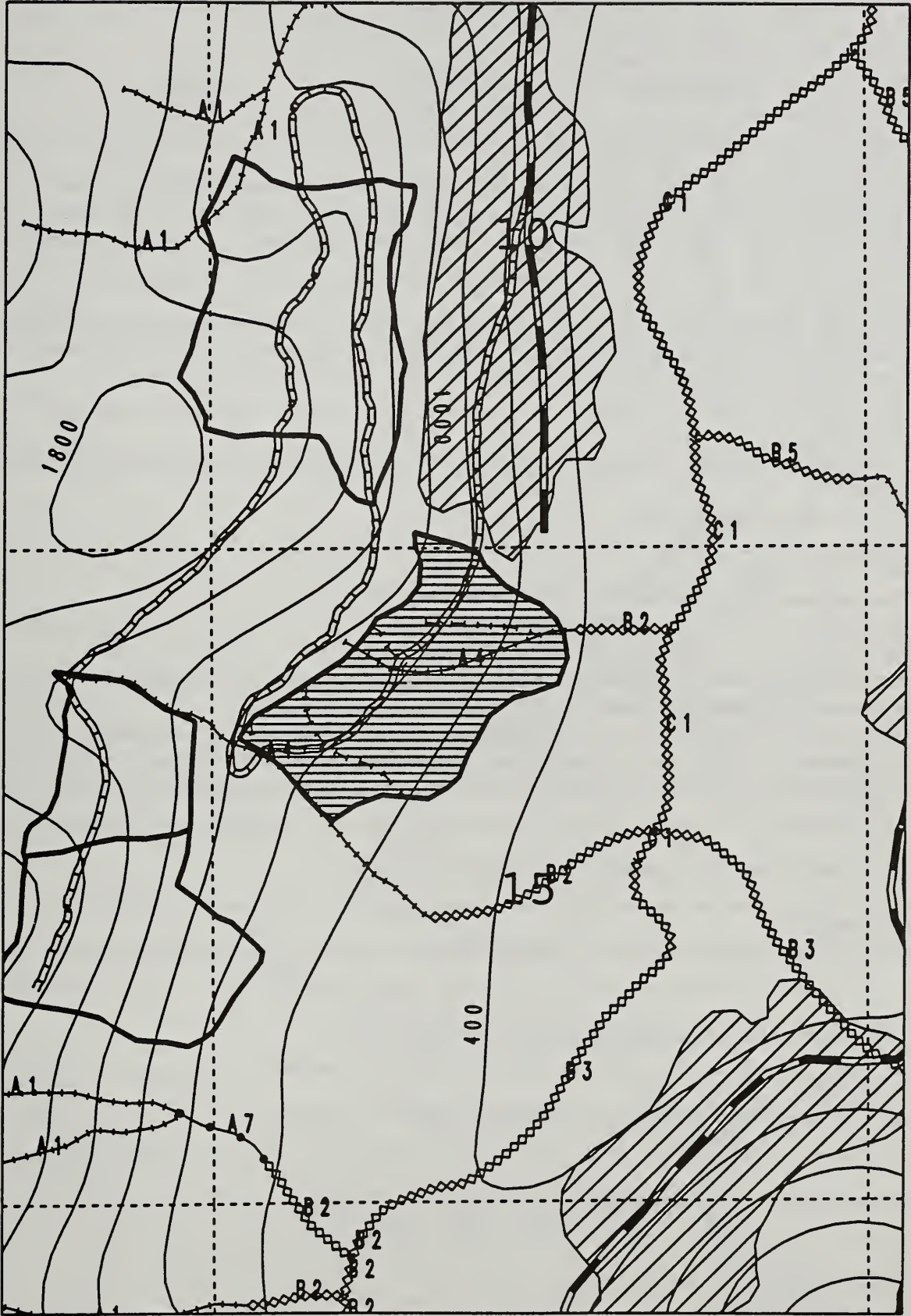
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-285



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-285</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>68</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1913</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290022</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 39 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 47 acres 800-1200 ft. 22 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 2 acres Medium 53 acres High 13 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.  
Potentially very low volume per acre.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

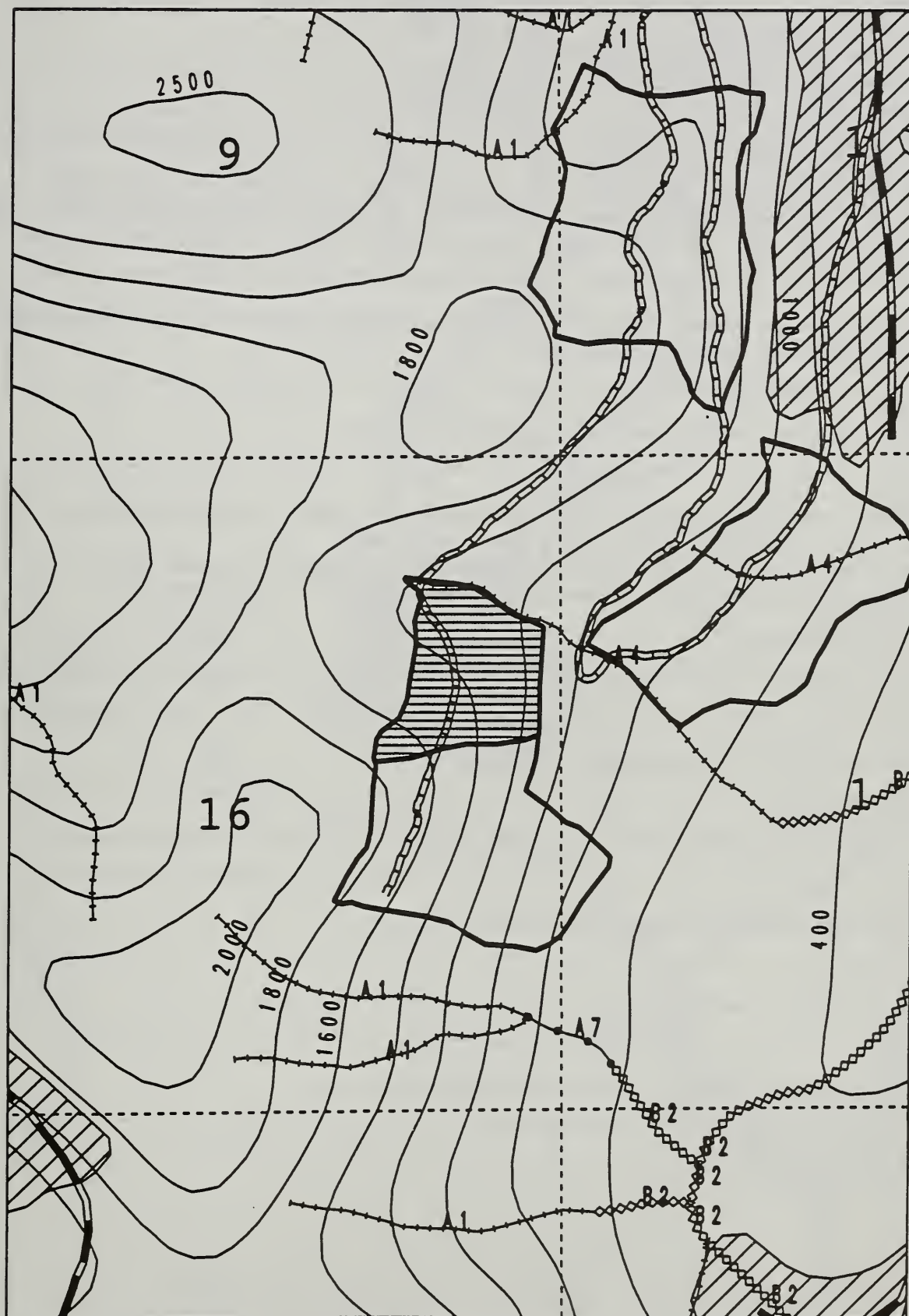
CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

UNIT 588-286



- |  |                              |  |
|--|------------------------------|--|
|  | UNCLASS. STREAM WITHIN UNITS |  |
|  | CLASS 1 STREAM               |  |
|  | CLASS 2 STREAM               |  |
|  | CLASS 3 STREAM               |  |
|  | EXISTING ROADS               |  |
|  | ALTERNATIVE ROAD             |  |
|  | CONTOUR LINE                 |  |
|  | SECTION LINE                 |  |



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 588-286 Alternatives considered 4  
Planned acres 31 Quad CRGC4NEN  
Estimated volume (mbf) 657 Mgmt Area K07  
Logging system Small skyline uphill/downhill WAA 1422  
Silvicultural system Clearcut Photo 1290021  
Forest type Hemlock Aspect East

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 30 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 4 acres 1200-1500 ft. 23 acres over 1500 ft. 4 acres  
Mass movement index: Low 12 acres Medium 0 acres High 19 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 20 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

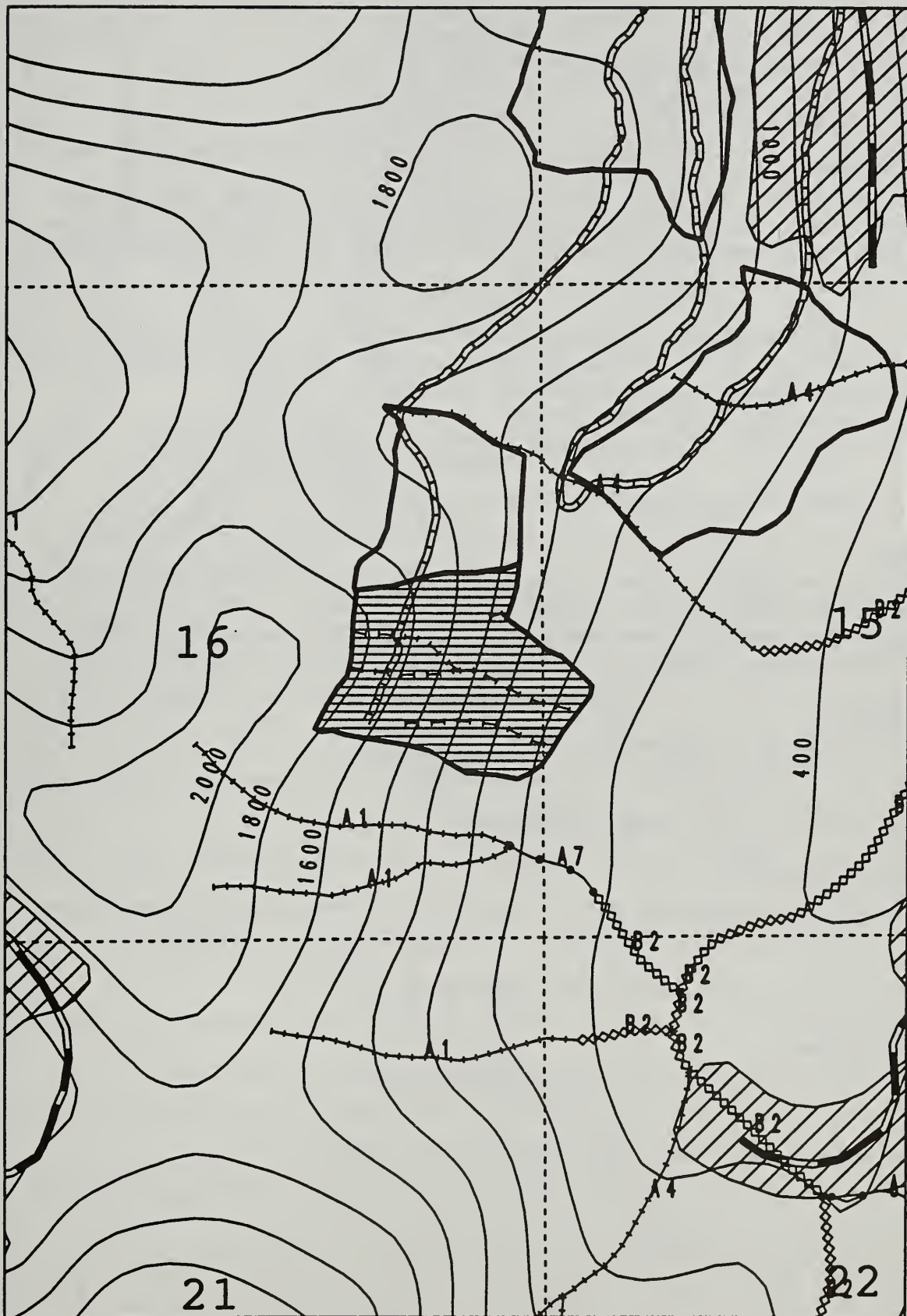
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-287



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- ×××× CLASS 3 STREAM
- EXISTING ROADS
- - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- ▨ PRIOR HARVEST
- ▨ WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-287</u>	Alternatives considered <u>4</u>
Planned acres <u>56</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1716</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u> WAA <u>1422</u>	Photo <u>1290021</u>
Silvicultural system <u>Clearcut</u>	Aspect <u>East</u>
Forest type <u>Mixed conifer</u>	

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 47 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 5 acres 800-1200 ft. 22 acres 1200-1500 ft. 14 acres over 1500 ft. 15 acres  
Mass movement index: Low 7 acres Medium 17 acres High 32 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 17 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 12 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

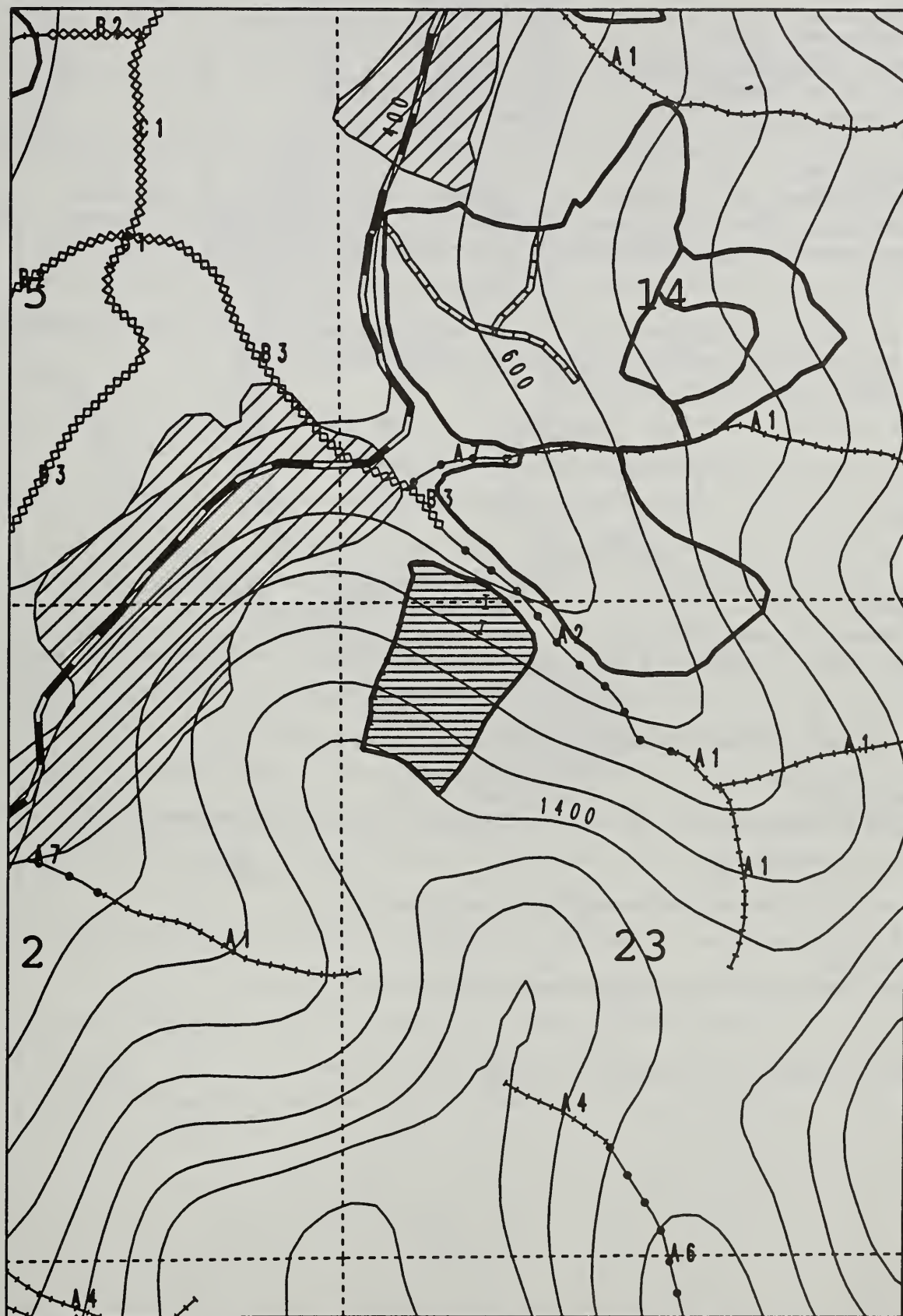
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-295



- — — — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- • — • — • — CLASS 2 STREAM
- + — + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-295</u>	Alternatives considered <u>2 3</u>
Planned acres <u>35</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1215</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290020</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 4 acres VC5 10 acres VC6 21 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 17 acres 1200-1500 ft. 7 acres over 1500 ft. 0 acres  
Mass movement index: Low 13 acres Medium 0 acres High 22 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 20 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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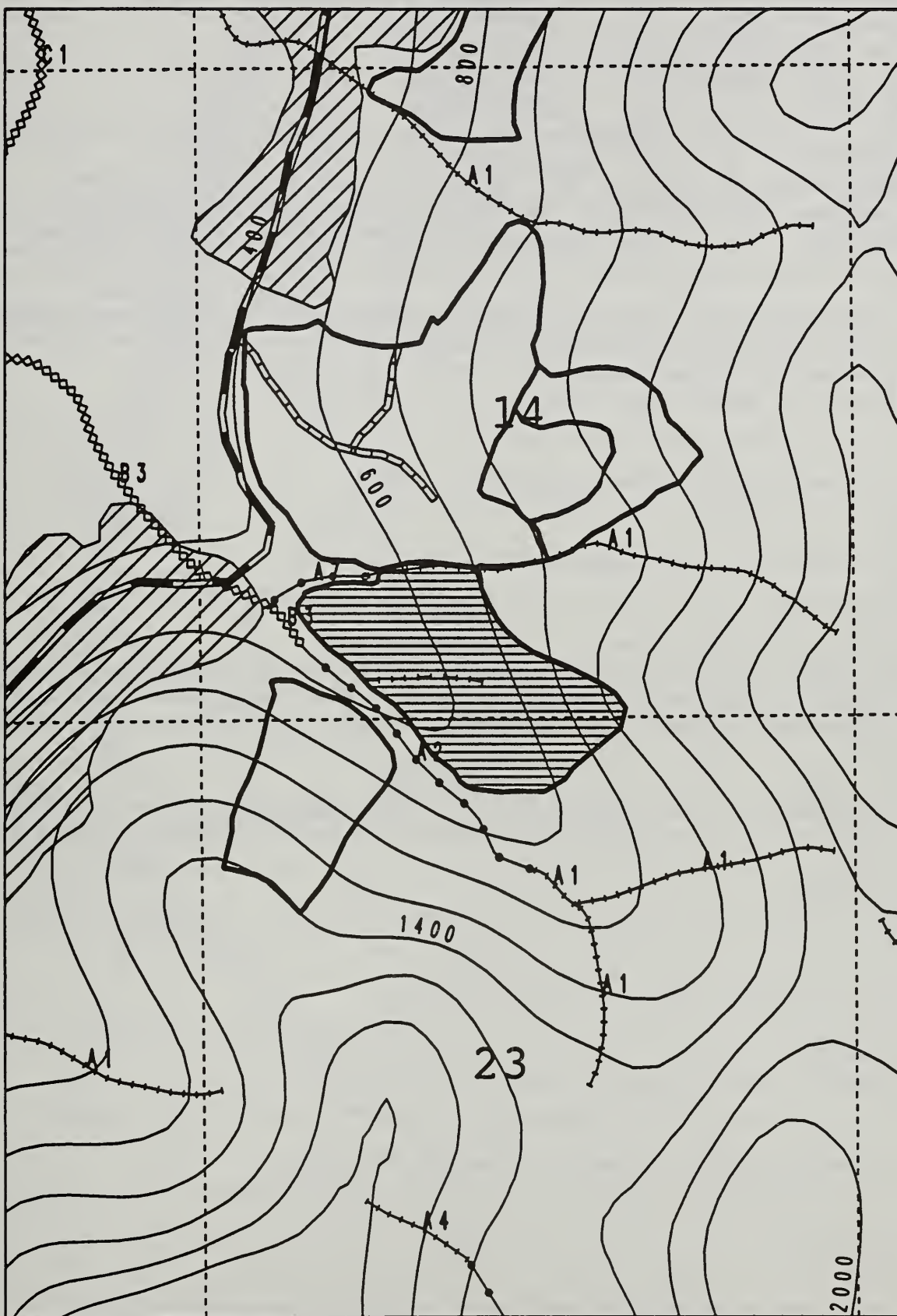
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 588-300



- — — — — UNCLASS. STREAM WITHIN UNITS
- ◊ ◊ ◊ ◊ ◊ CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-300</u>	Alternatives considered <u>5</u>
Planned acres <u>62</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2349</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290020</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 2 acres VC6 60 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 16 acres 1200-1500 ft. 2 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 22 acres High 34 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 22 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 9 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

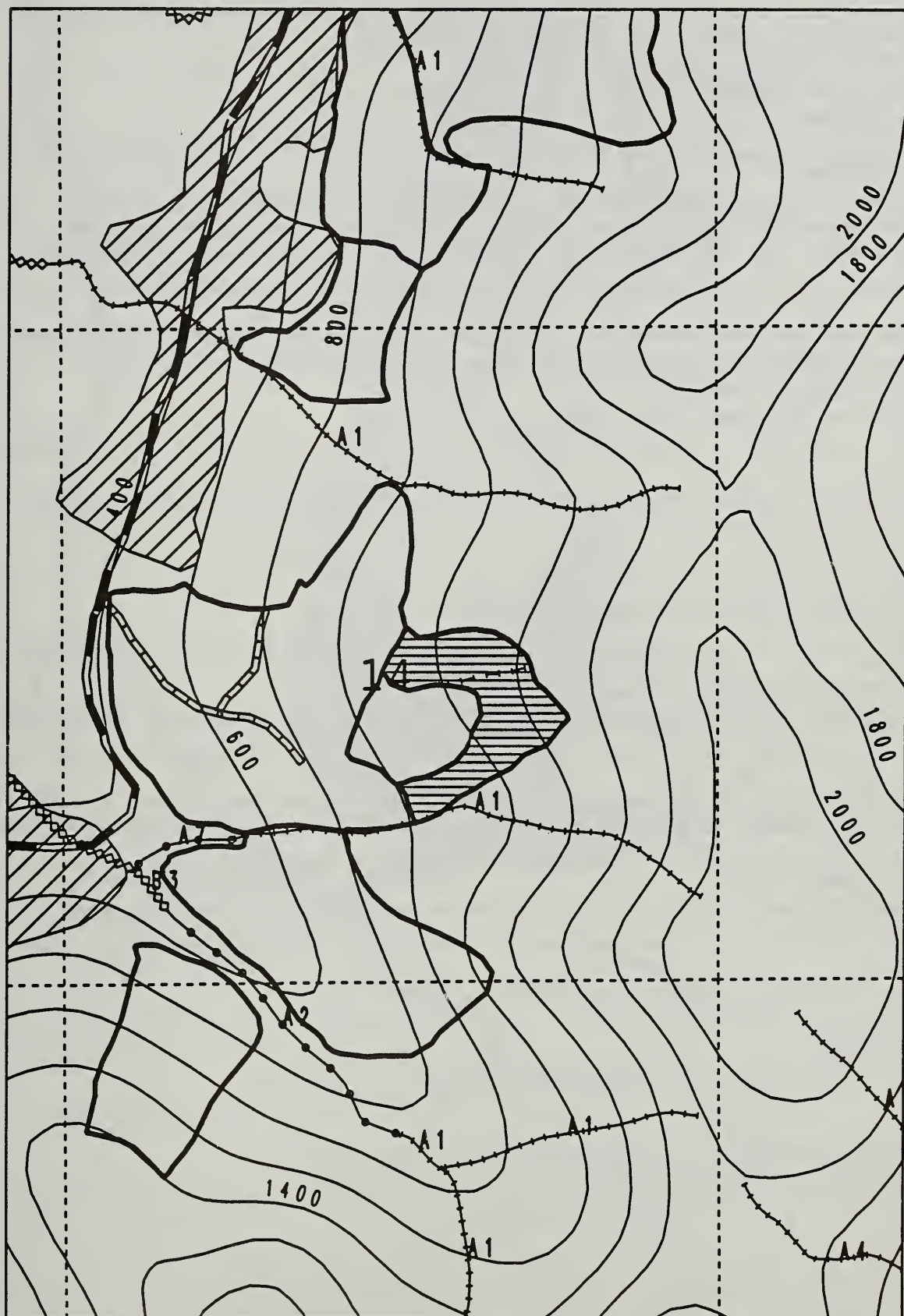
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-301



- |         |                              |
|---------|------------------------------|
| ---     | UNCLASS. STREAM WITHIN UNITS |
| ○-○-○-○ | CLASS 1 STREAM               |
| ●-●-●-● | CLASS 2 STREAM               |
| ×-×-×-× | CLASS 3 STREAM               |
| —       | EXISTING ROADS               |
| - - -   | ALTERNATIVE ROAD             |
| —       | CONTOUR LINE                 |
| - - -   | SECTION LINE                 |



- |   |               |
|---|---------------|
| □ | UNIT          |
| ■ | EAGLE NEST    |
| ▨ | PRIOR HARVEST |
| ▤ | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-301</u>	Alternatives considered <u>2</u>
Planned acres <u>25</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>596</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290021</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 7 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 8 acres 1200-1500 ft. 16 acres over 1500 ft. 1 acres  
Mass movement index: Low 16 acres Medium 0 acres High 9 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit contains 19 acres of slopes > 75%.

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

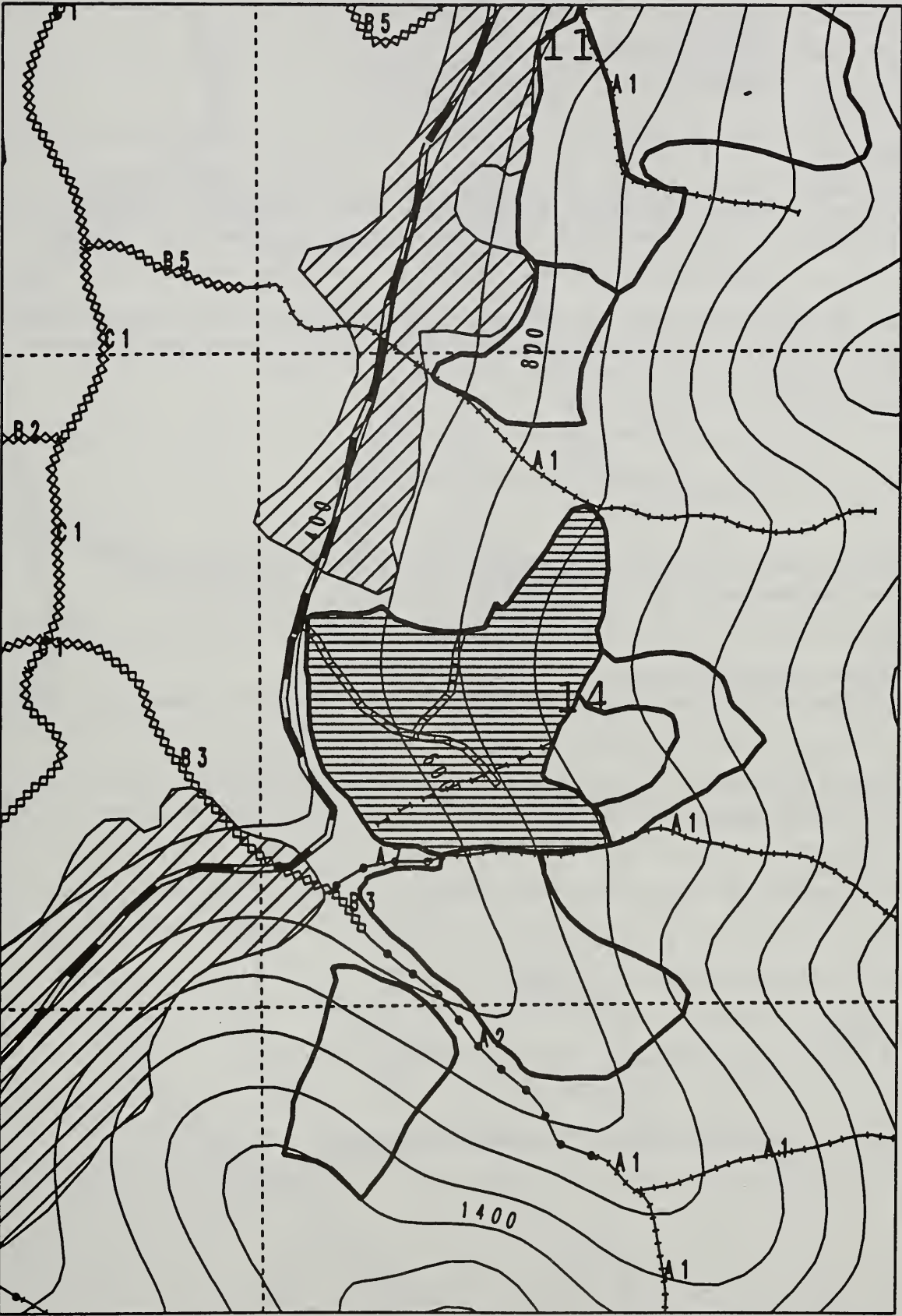
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-302



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-302</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>99</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>3681</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290021</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 0 acres VC6 95 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 52 acres 800-1200 ft. 48 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 25 acres Medium 30 acres High 44 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas. (BMP13.9)  
This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 47 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds, proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

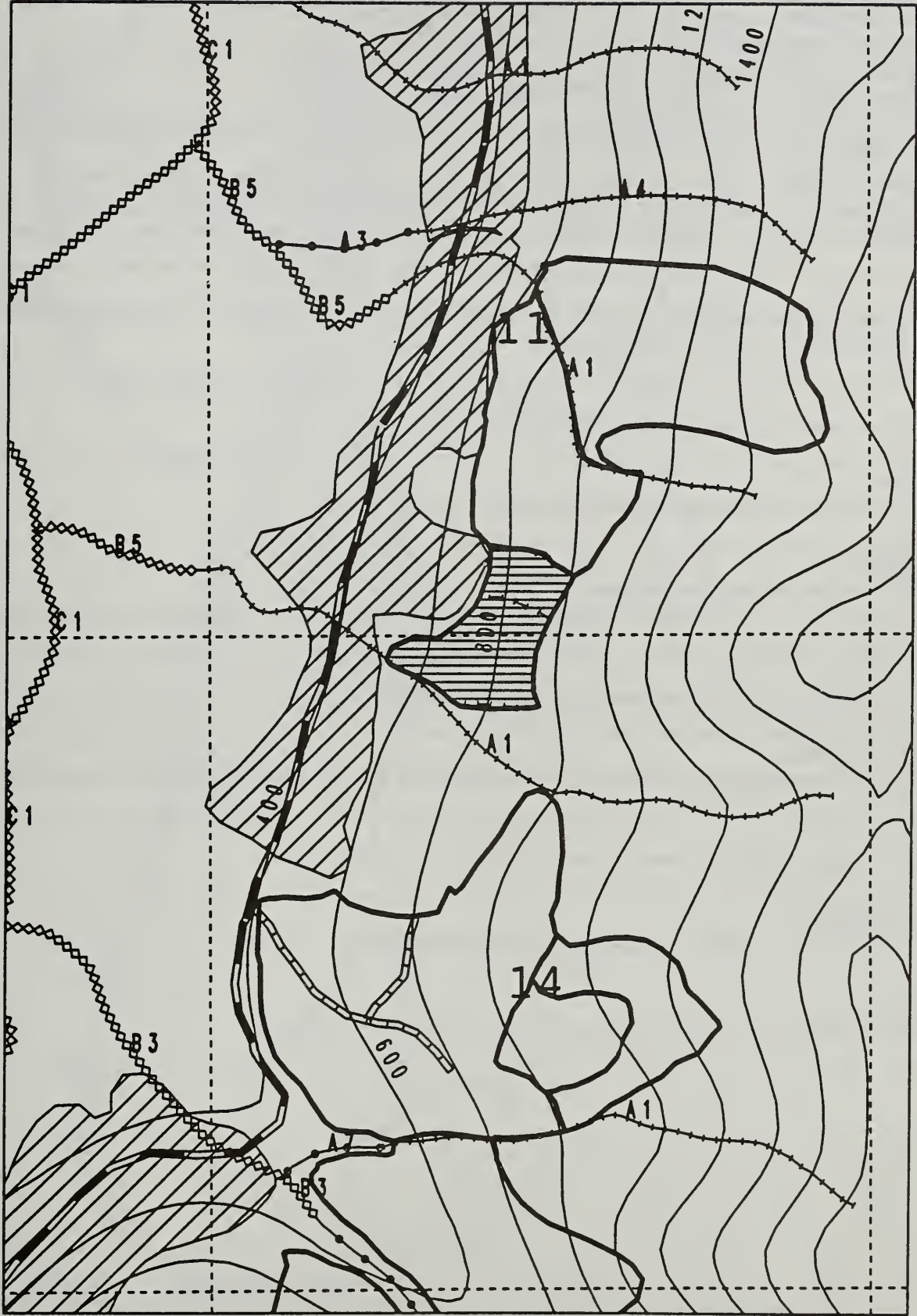
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-304



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-304</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>23</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>817</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290022</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 2 acres VC5 5 acres VC6 16 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 9 acres 800-1200 ft. 14 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 0 acres High 17 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 11 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

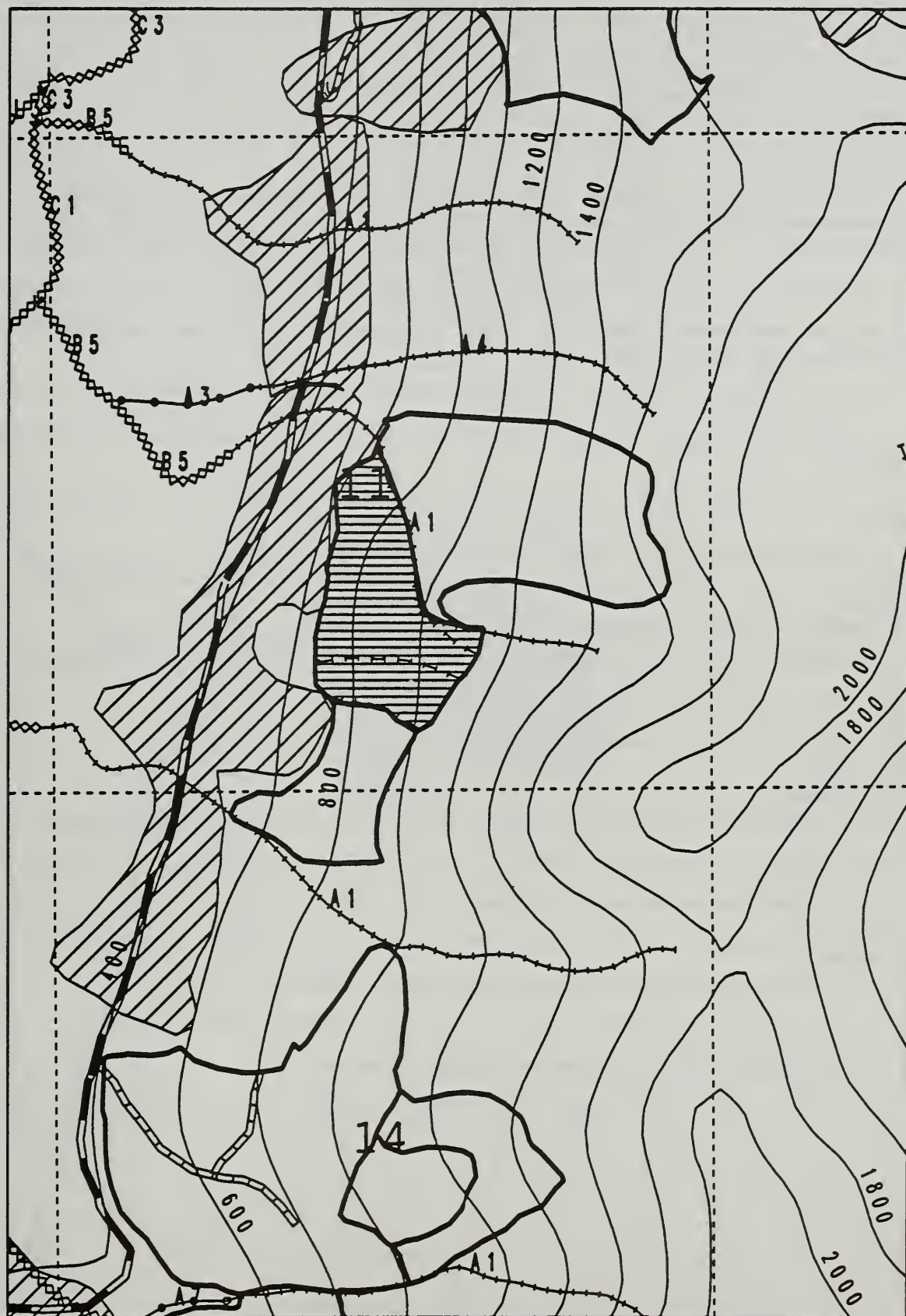
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-305



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-305</u>	Alternatives considered <u>2</u>
Planned acres <u>55</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2203</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290022</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 18 acres VC6 17 acres VC7 19 acres  
Elevation breakdown: 0-800 ft. 11 acres 800-1200 ft. 31 acres 1200-1500 ft. 13 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 20 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 35 acres of slopes > 75%.

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

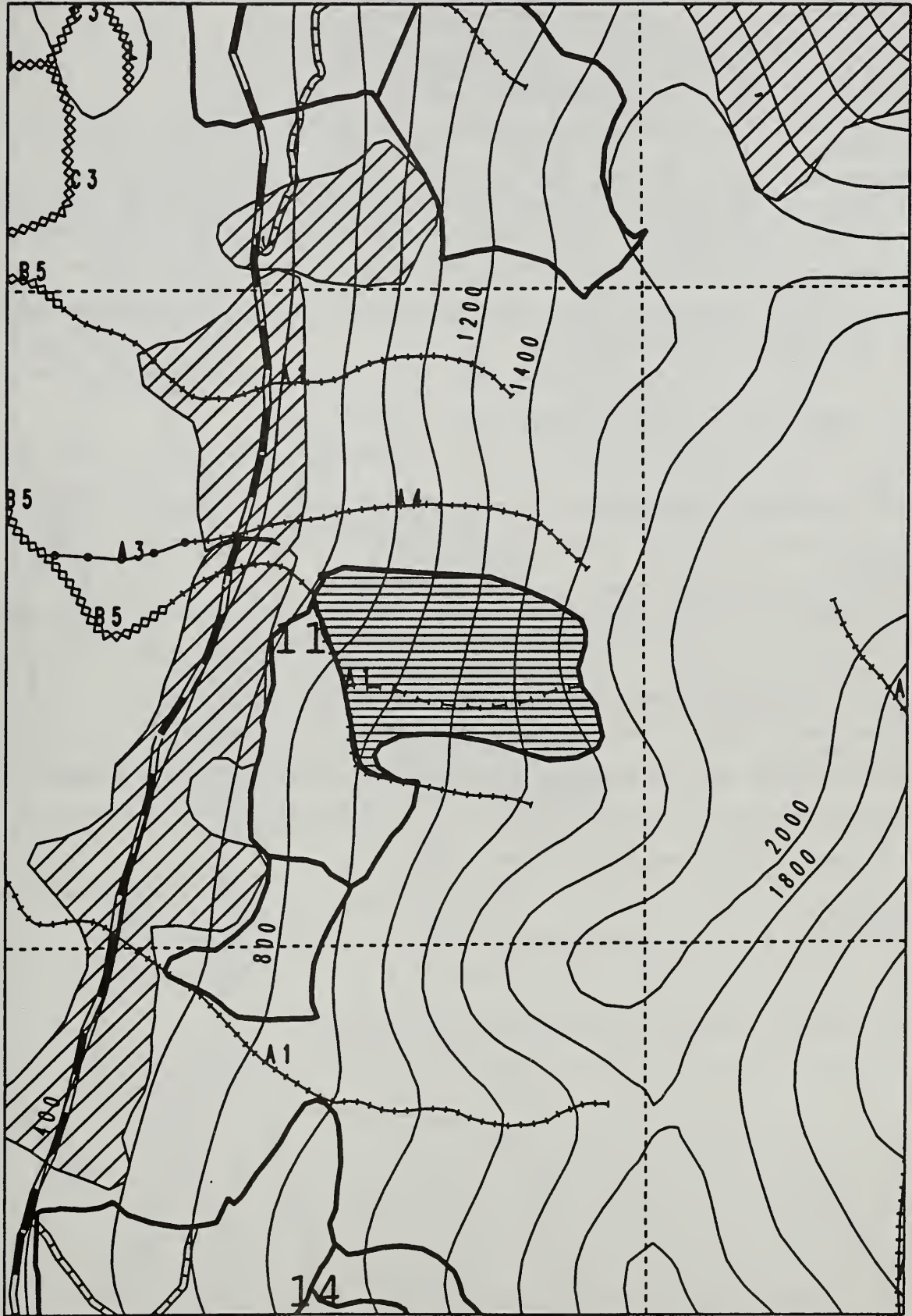
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-306



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-306</u>	Alternatives considered <u>5</u>
Planned acres <u>63</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2212</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290022</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 28 acres VC6 34 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 4 acres 800-1200 ft. 26 acres 1200-1500 ft. 20 acres over 1500 ft. 13 acres  
Mass movement index: Low 32 acres Medium 0 acres High 31 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 55 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

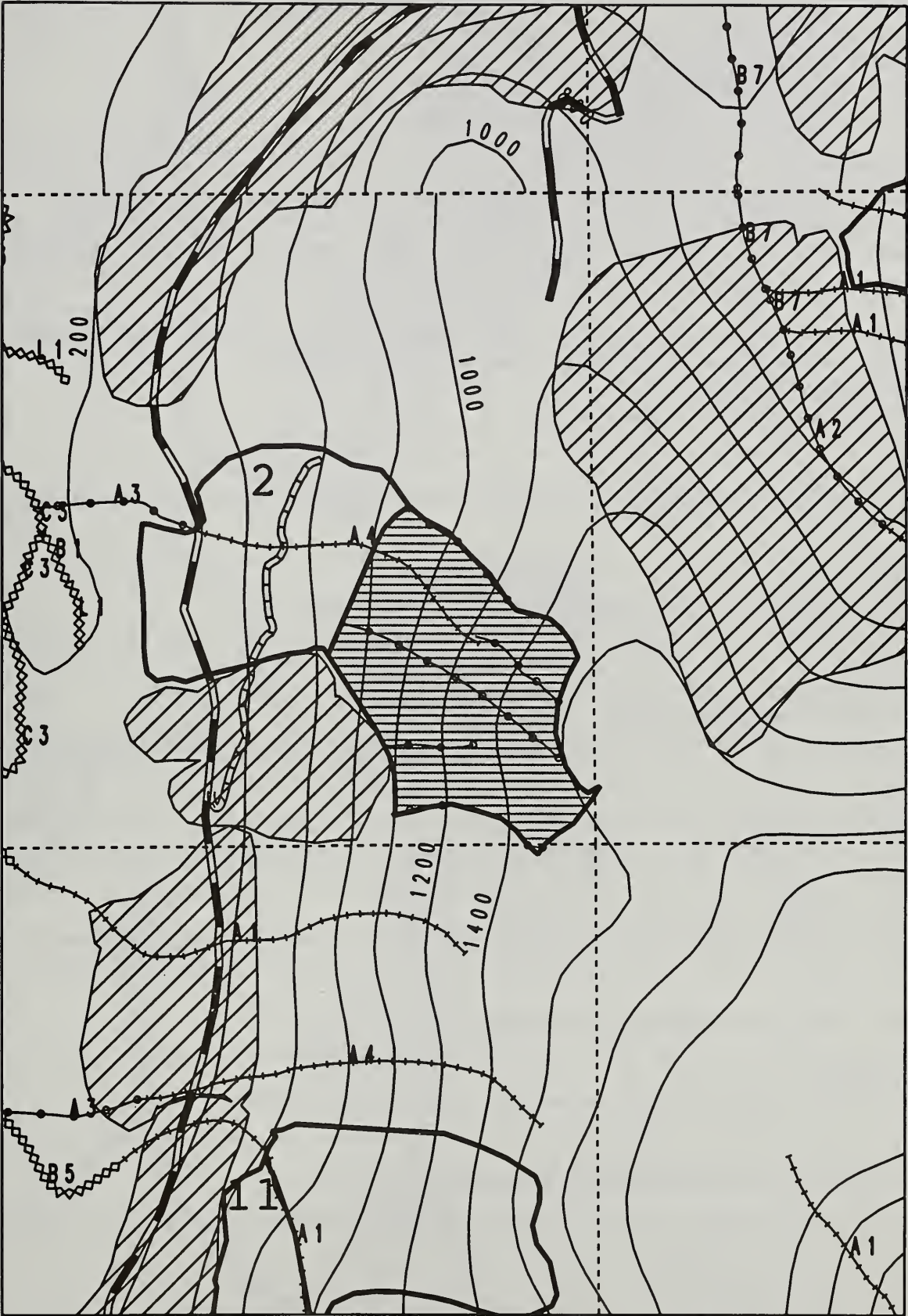
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-310



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- - - - - CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-310</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>78</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2716</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290023</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 55 acres VC6 24 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 3 acres 800-1200 ft. 35 acres 1200-1500 ft. 28 acres over 1500 ft. 0 acres  
Mass movement index: Low 40 acres Medium 0 acres High 38 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit contains 72 acres of slopes > 75%.

TIMBER

Potential regeneration problem. May need to consider other silvicultural prescriptions (or hand plant) to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

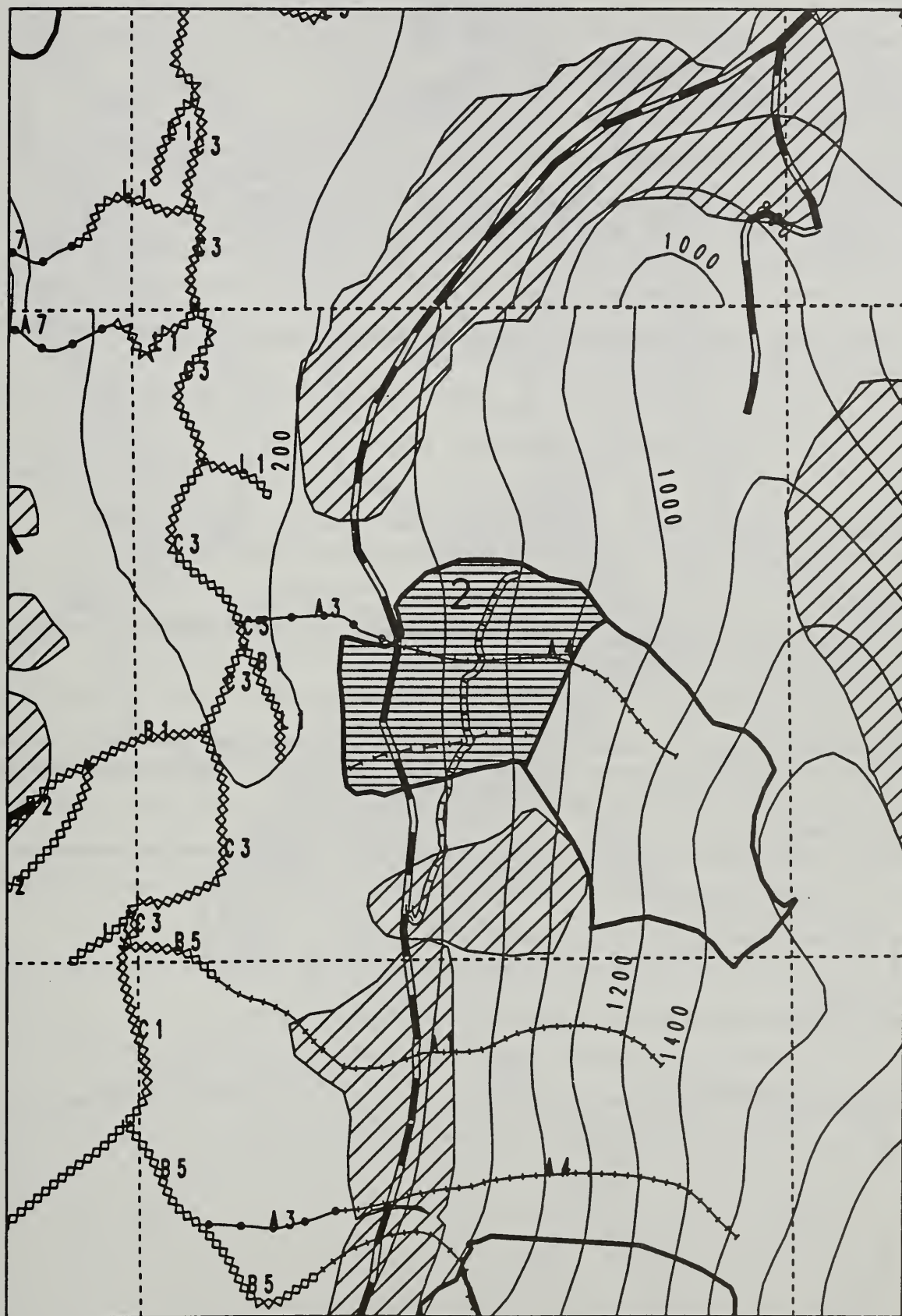
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-312



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-312</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>64</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2306</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1290023</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 0 acres VC6 56 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 61 acres 800-1200 ft. 3 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 0 acres High 60 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 6 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

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FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit contains unclassified streams.

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WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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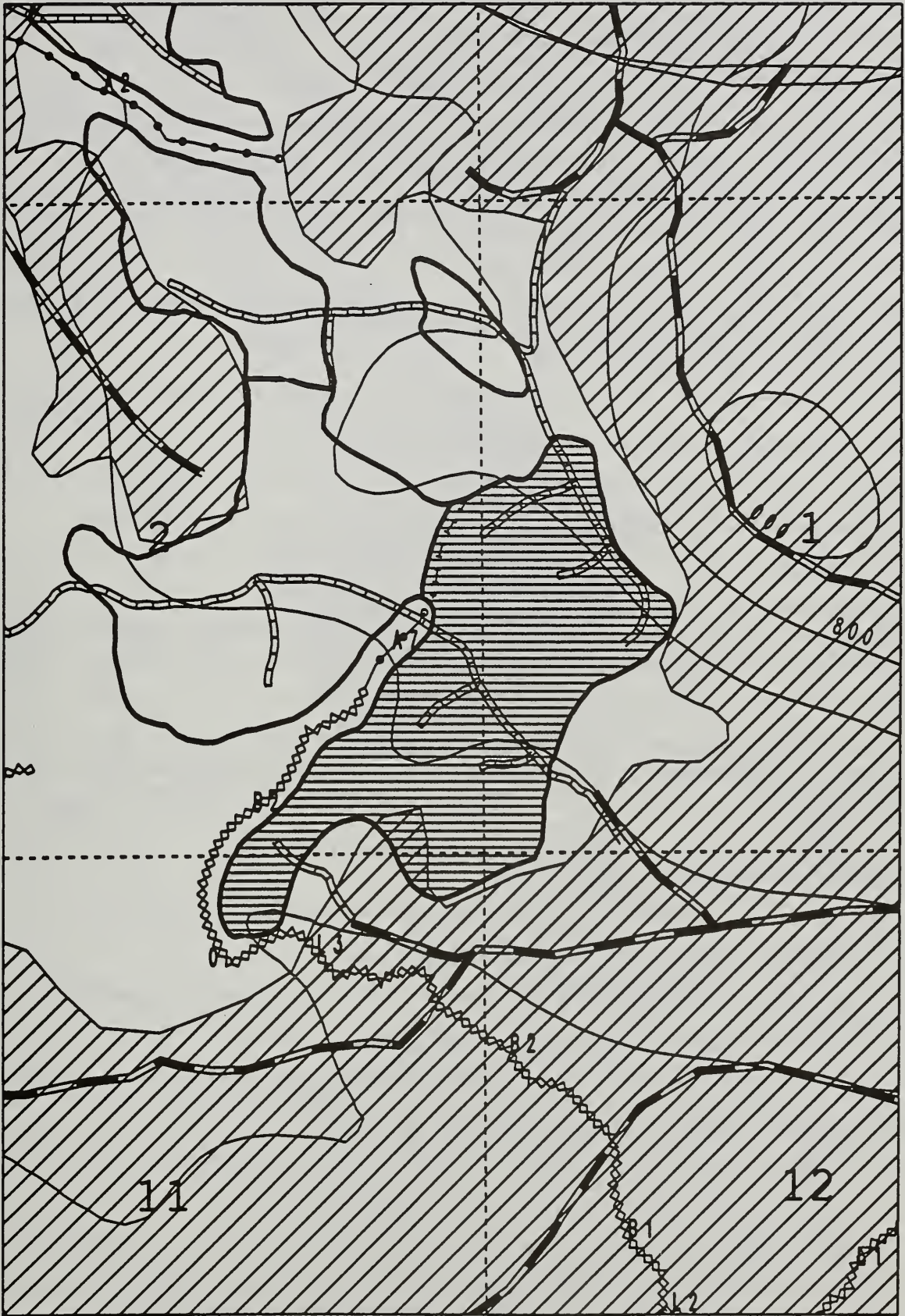
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 588-322



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-322</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>139</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>4273</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190118</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 17 acres VC5 119 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 139 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 81 acres Medium 50 acres High 8 acres Very High 0 acres

SOILS

This unit contains 91 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

This unit contains 1 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Staney Creek Road as viewed from from centerline of road.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

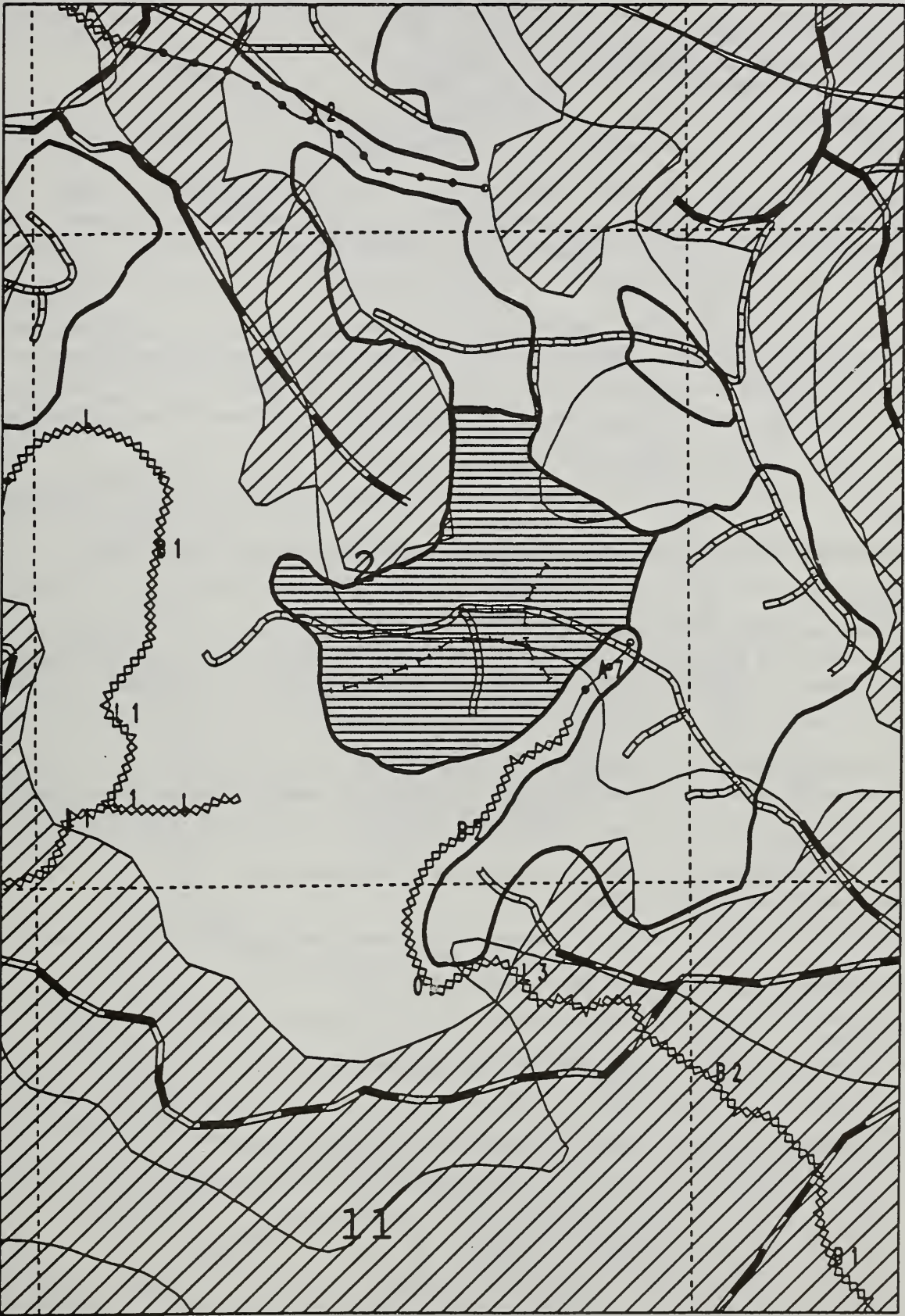
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 588-324



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-324</u>	Alternatives considered <u>3</u>
Planned acres <u>109</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>2560</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190118</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 75 acres VC5 28 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 109 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 36 acres Medium 62 acres High 11 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 91 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Staney Creek Road  
as viewed from from centerline of road.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

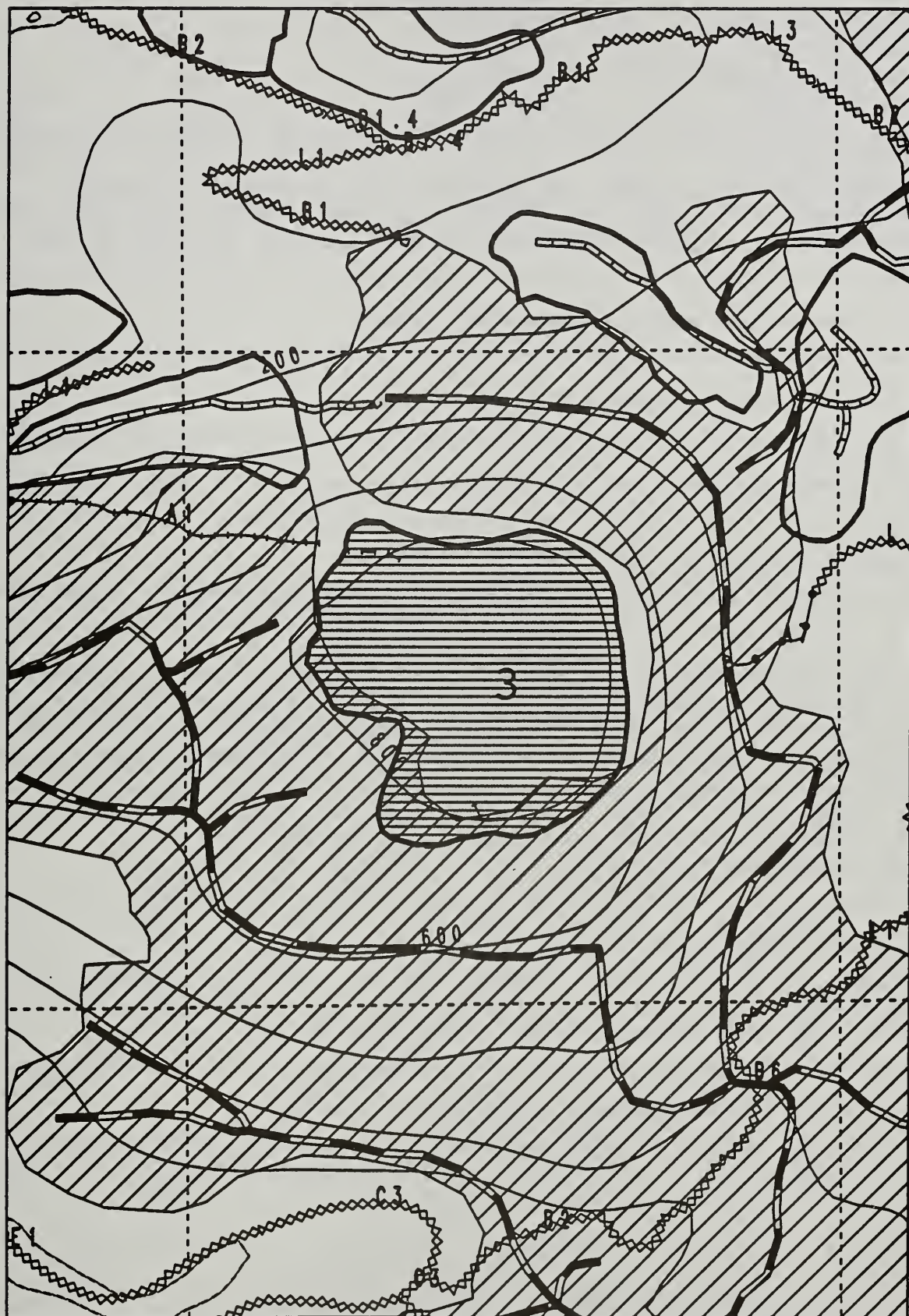
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 588-327



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>588-327</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>117</u>	Quad <u>CRGD4SEN</u>
Estimated volume (mbf) <u>4040</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 69 acres VC6 45 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 117 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 117 acres High 0 acres Very High 0 acres

SOILS

There are no soils mitigation measures anticipated for this unit.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.  
Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of M within the viewshed of Stanley Creek Road  
as viewed from from centerline of road.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

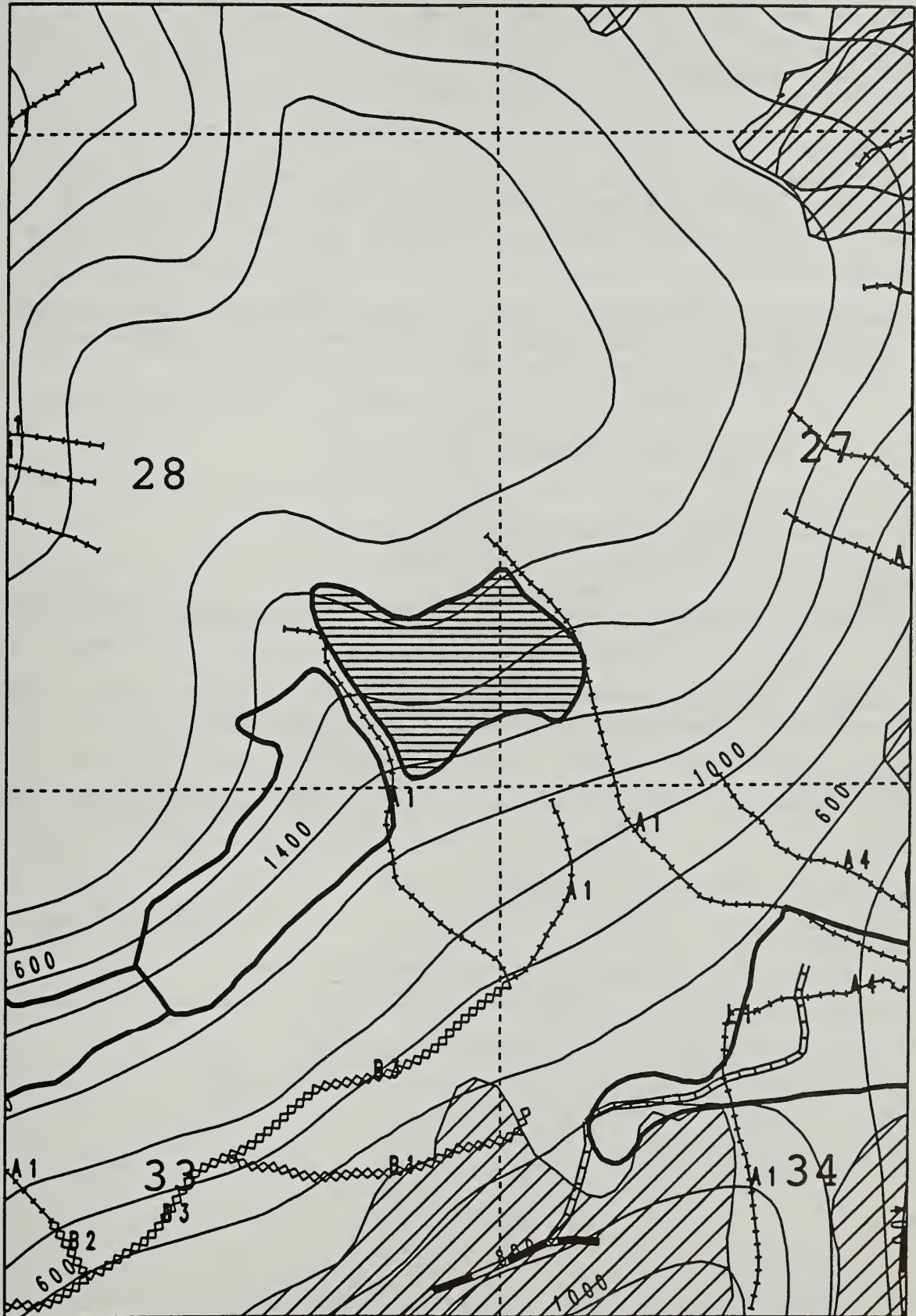
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 589-203



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-203</u>	Alternatives considered <u>3</u>
Planned acres <u>47</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1388</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 33 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 7 acres over 1500 ft. 40 acres  
Mass movement index: Low 5 acres Medium 0 acres High 42 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 45 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQ0 of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

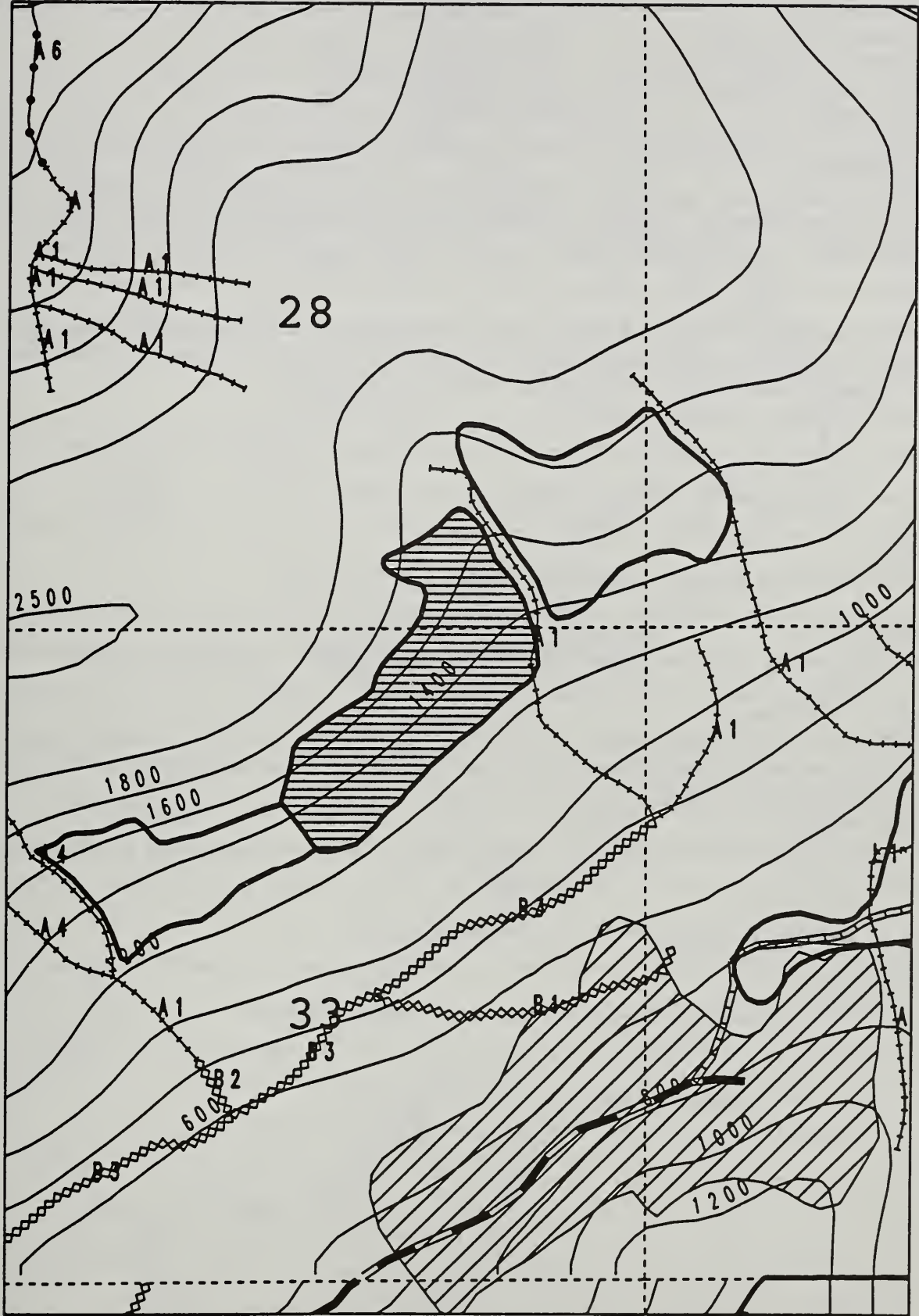
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 589-204



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-204</u>	Alternatives considered <u>3</u>
Planned acres <u>58</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>1596</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490115</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 16 acres VC5 38 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 37 acres over 1500 ft. 21 acres  
Mass movement index: Low 22 acres Medium 0 acres High 36 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 37 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 24 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.





UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-205</u>	Alternatives considered <u>3</u>
Planned acres <u>29</u>	Quad <u>CRGD4SES</u>
Estimated volume (mbf) <u>842</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1490115</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 7 acres VC5 21 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 24 acres over 1500 ft. 5 acres  
Mass movement index: Low 14 acres Medium 0 acres High 15 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 15 acres of slopes > 75%.

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

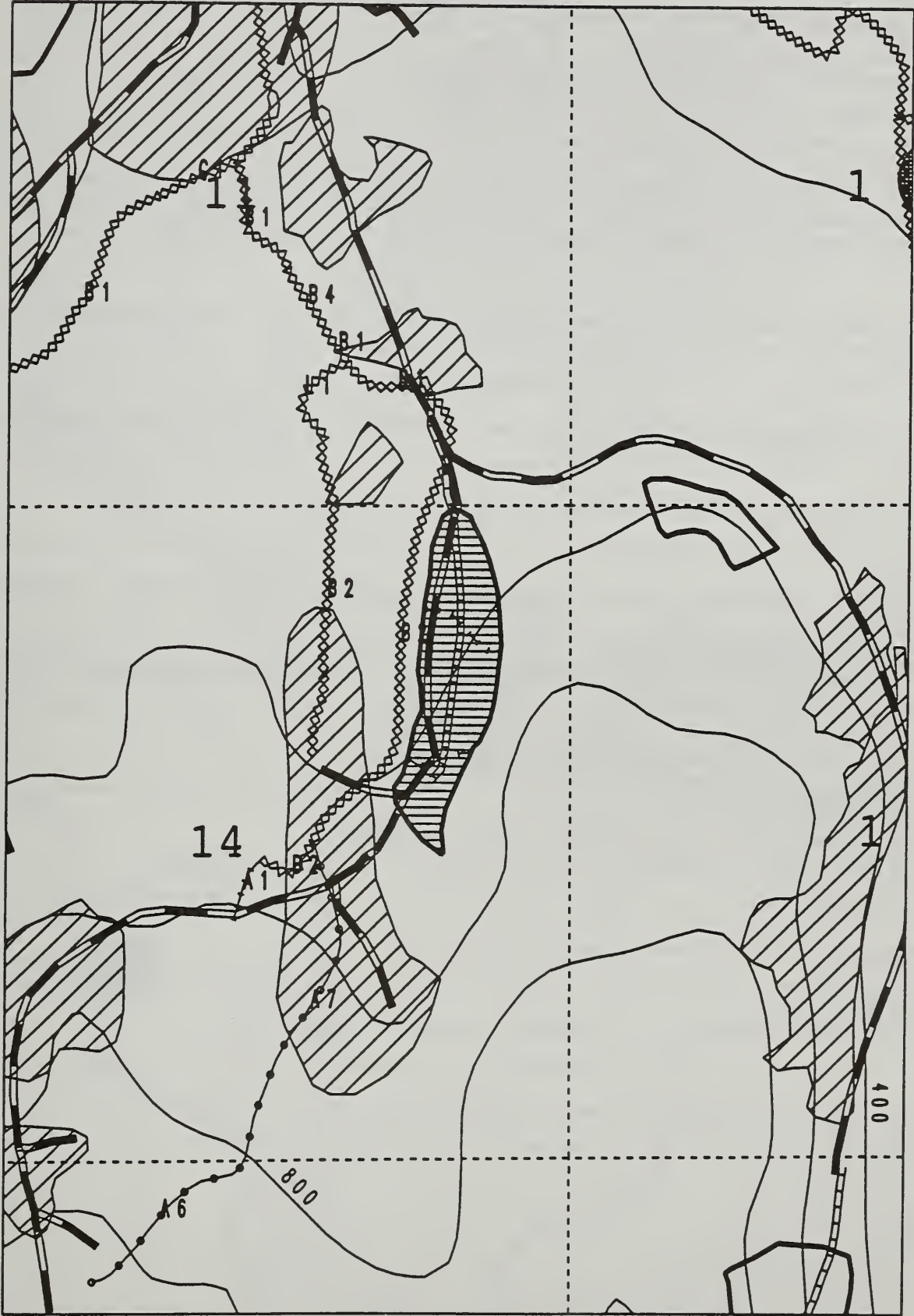
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 589-214



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-214</u>	Alternatives considered <u>4 5</u>
Planned acres <u>31</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>842</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990083</u>
Forest type <u>Cedar</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 16 acres VC5 15 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 24 acres High 0 acres Very High 0 acres

SOILS

This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.

This unit contains unclassified streams.

This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Sarheen Pass as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

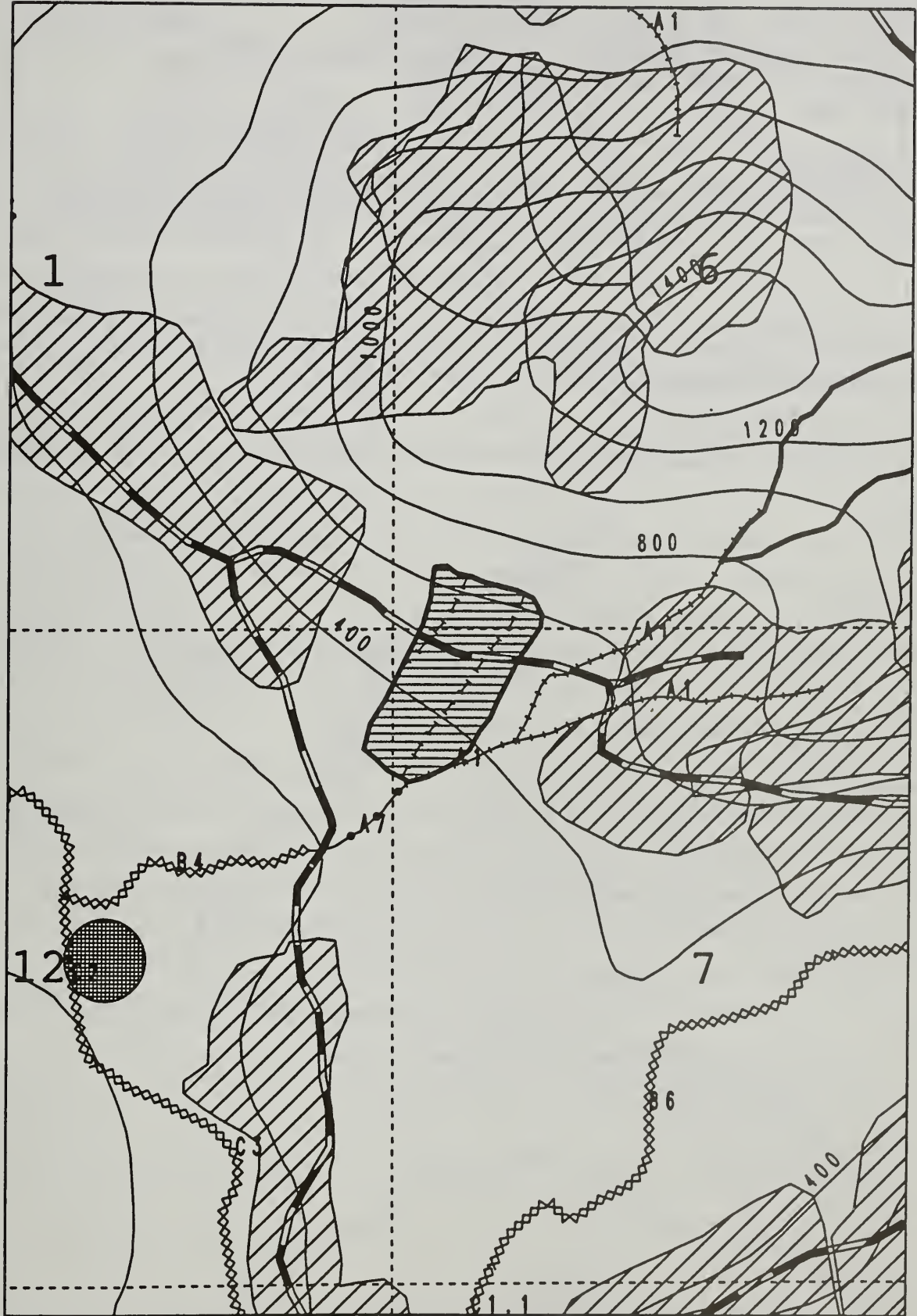
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 589-218



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +++++ CLASS 3 STREAM
- ==== EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- \_\_\_\_\_ CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-218</u>	Alternatives considered <u>4 5</u>
Planned acres <u>31</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>689</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990050</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 30 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 21 acres High 6 acres Very High 0 acres

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SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

Potential for shovel logging, if adequate protection of soil and water quality can be assured (BMP13.7).

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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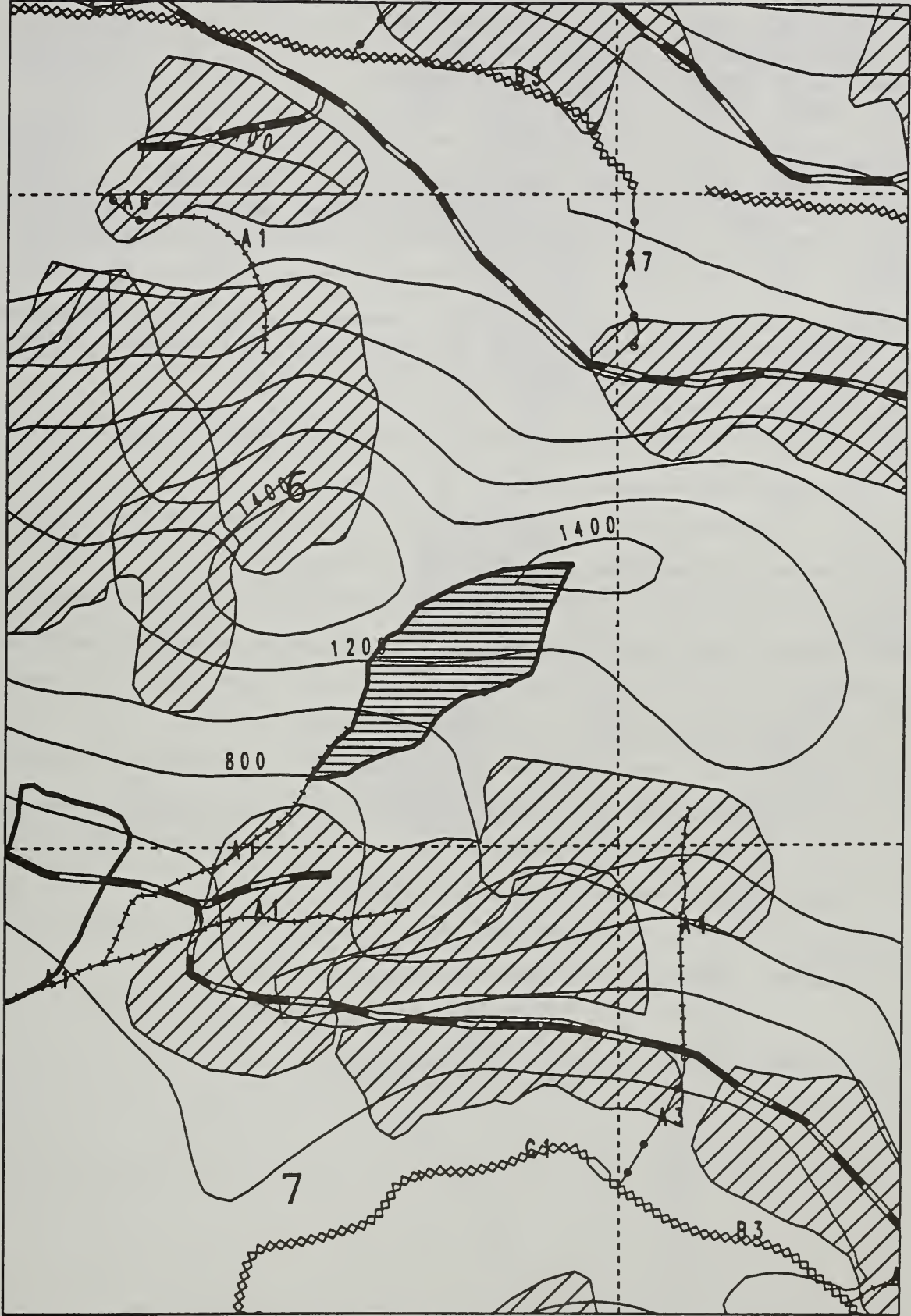
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 589-220



- UNCLASS. STREAM WITHIN UNITS
- x-x-x- CLASS 1 STREAM
- .-.- CLASS 2 STREAM
- +--+ CLASS 3 STREAM
- == EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-220</u>	Alternatives considered <u>3</u>
Planned acres <u>35</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>679</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990050</u>
Forest type <u>Cedar</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 31 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 17 acres 1200-1500 ft. 18 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 0 acres High 34 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 32 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 18 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

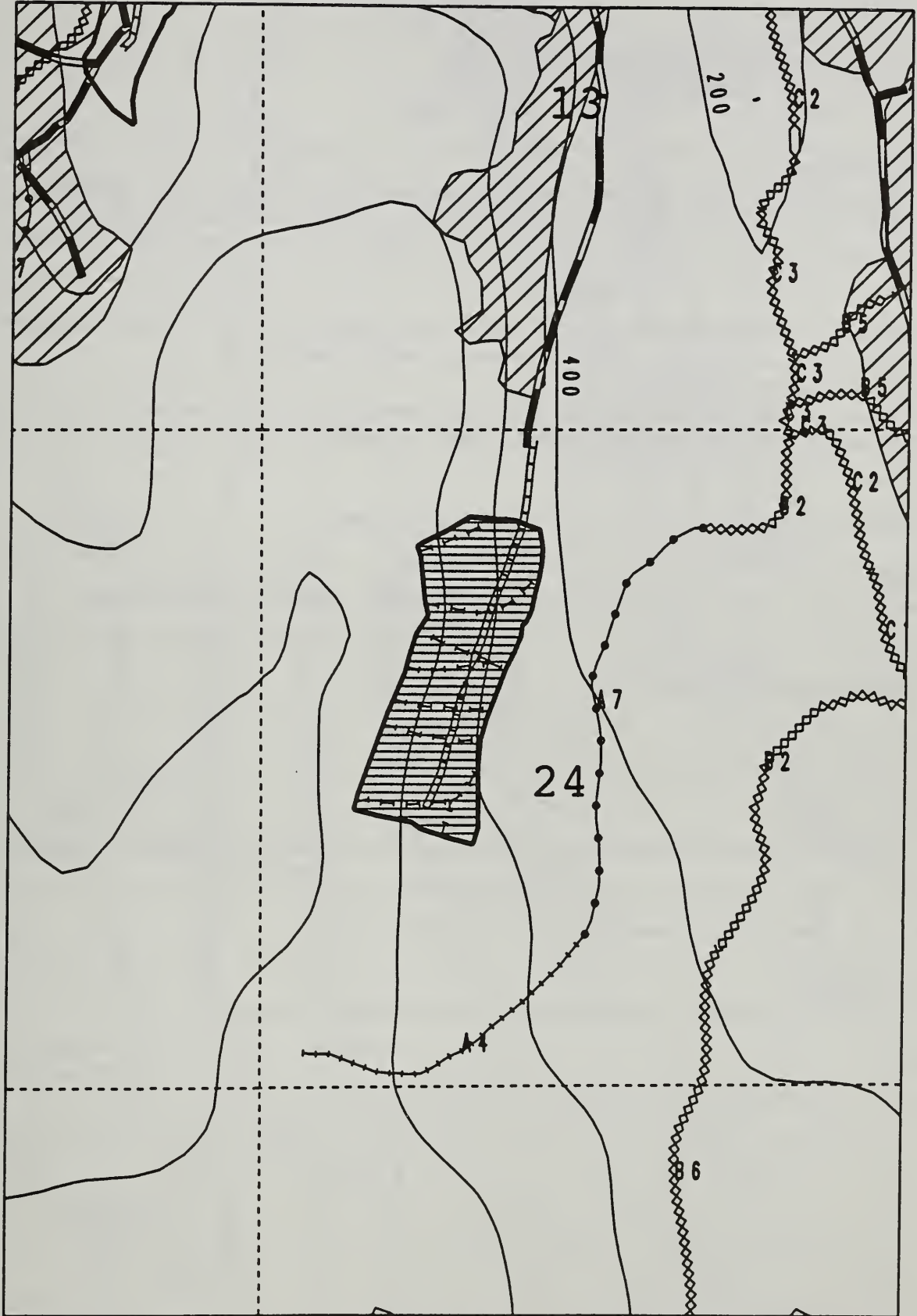
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 589-229



- UNCLASS. STREAM WITHIN UNITS
- ◇◇◇◇◇◇◇◇ CLASS 1 STREAM
- CLASS 2 STREAM
- ×××××××× CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit 589-229 Alternatives considered 3  
Planned acres 50 Quad CRGC4NWN  
Estimated volume (mbf) 1094 Mgmt Area K07  
Logging system Small skyline uphill/downhillWAA 1422  
Silvicultural system Clearcut Photo   
Forest type Hemlock Aspect East

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 50 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 42 acres 800-1200 ft. 8 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 7 acres High 34 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit contains 45 acres of forested wetlands. Site specific BMPs will be designed for selected approved  
logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

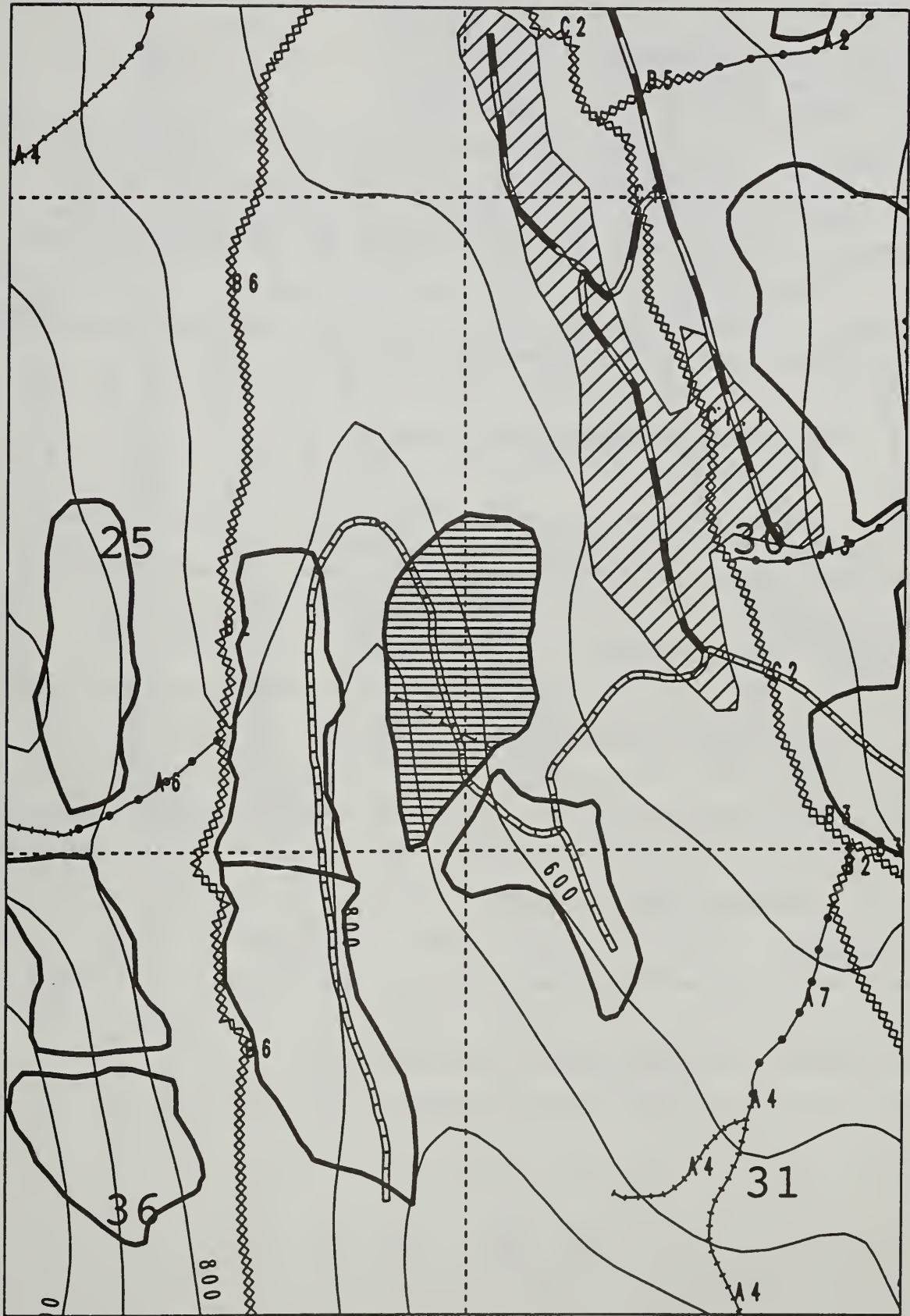
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 589-230



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-230</u>	Alternatives considered <u>3</u>
Planned acres <u>55</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>1138</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 52 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 52 acres 800-1200 ft. 3 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 48 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

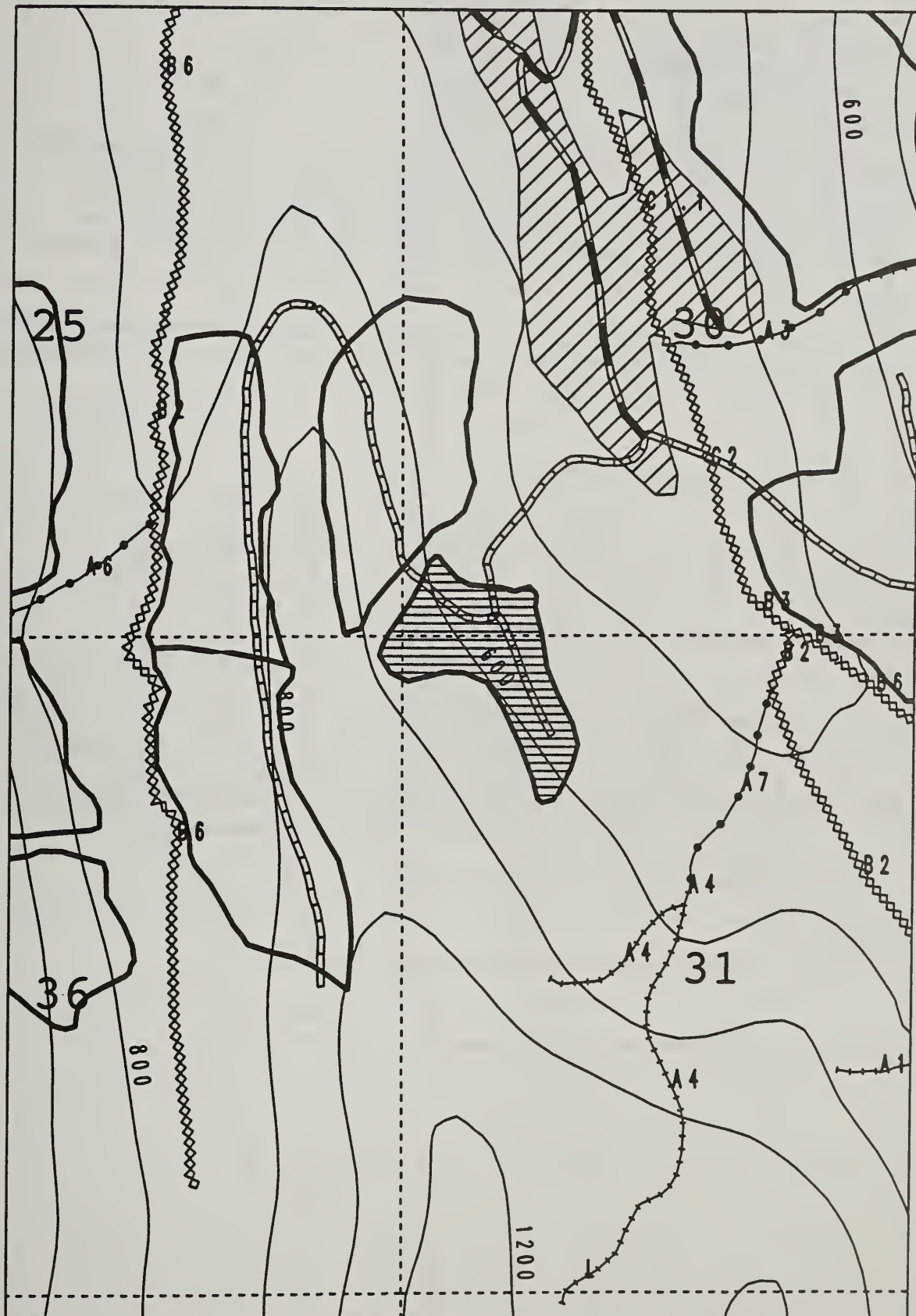
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 589-231



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-231</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>30</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>635</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 30 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 0 acres High 23 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 6 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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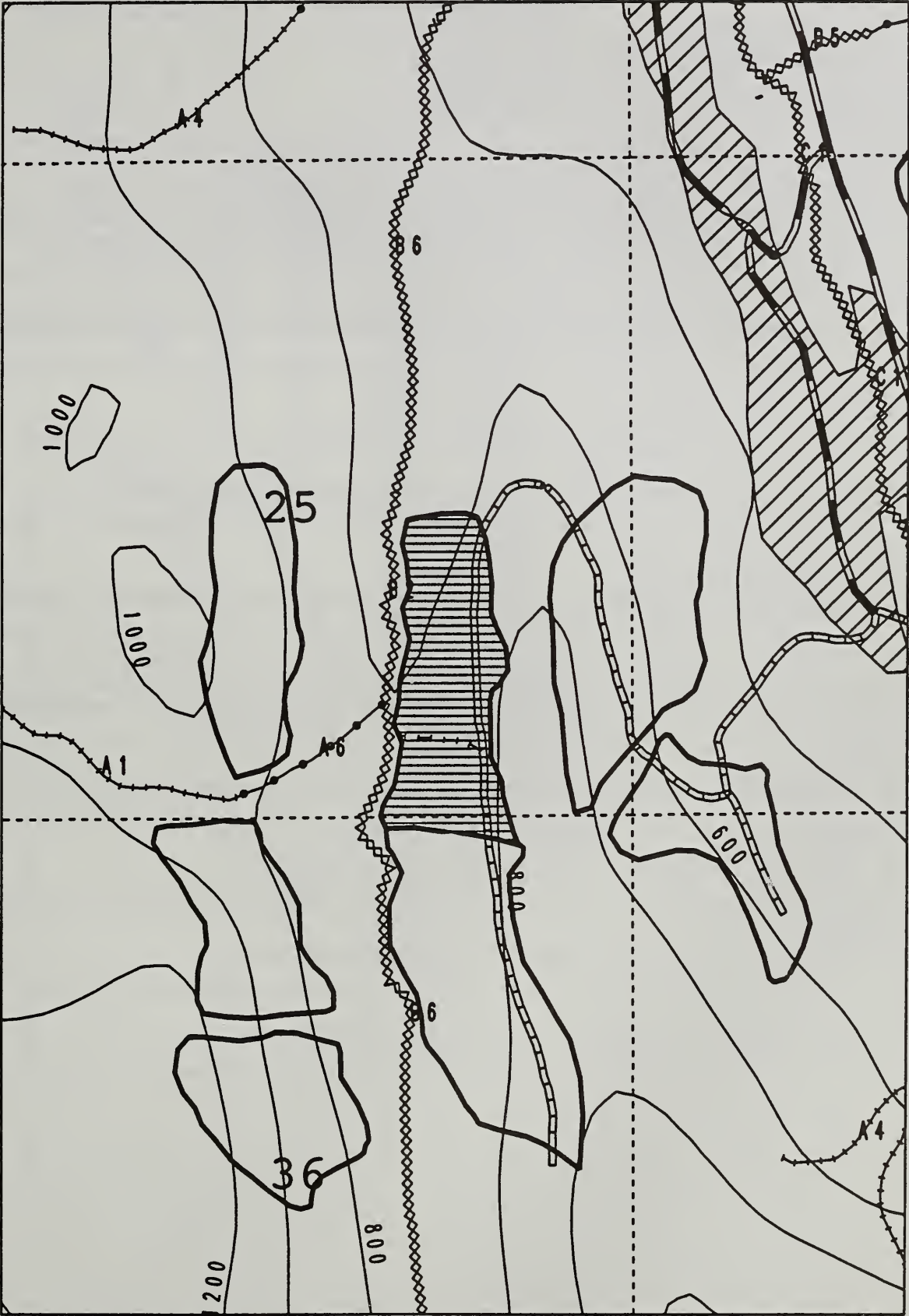
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

UNIT 589-232



- |         |                              |
|---------|------------------------------|
| ---     | UNCLASS. STREAM WITHIN UNITS |
| -x-x-x- | CLASS 1 STREAM               |
| -o-o-o- | CLASS 2 STREAM               |
| - _ _ - | CLASS 3 STREAM               |
| -       | EXISTING ROADS               |
| -       | ALTERNATIVE ROAD             |
| - - -   | CONTOUR LINE                 |
| - - -   | SECTION LINE                 |



- |         |               |
|---------|---------------|
| -       | UNIT          |
| -x-x-x- | EAGLE NEST    |
| -       | PRIOR HARVEST |
| -       | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-232</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>45</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>1192</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 27 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 43 acres 800-1200 ft. 2 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 0 acres High 28 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

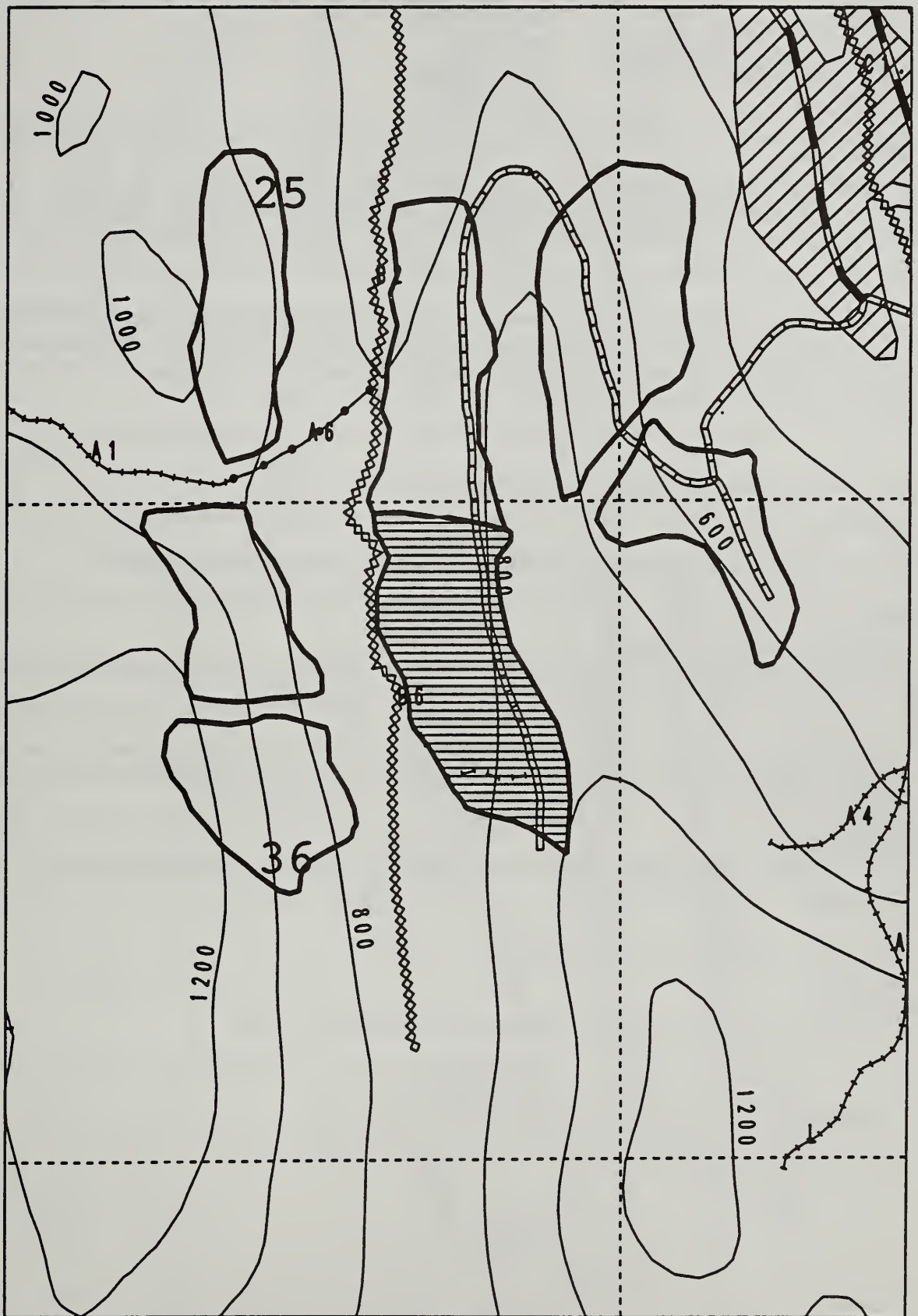
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 589-233



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-233</u>	Alternatives considered <u>3 4 5</u>
Planned acres <u>57</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>1487</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

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PHYSICAL DESCRIPTION

Volume class breakdown: VC4 35 acres VC5 22 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 33 acres 800-1200 ft. 24 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 25 acres High 29 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 25 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

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TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

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FISH/WATERSHED

This unit contains unclassified streams.

Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 589-236



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-236</u>	Alternatives considered <u>3</u>
Planned acres <u>35</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>962</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 20 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 13 acres 800-1200 ft. 21 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 9 acres Medium 0 acres High 26 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

Immediately adjacent to a A6 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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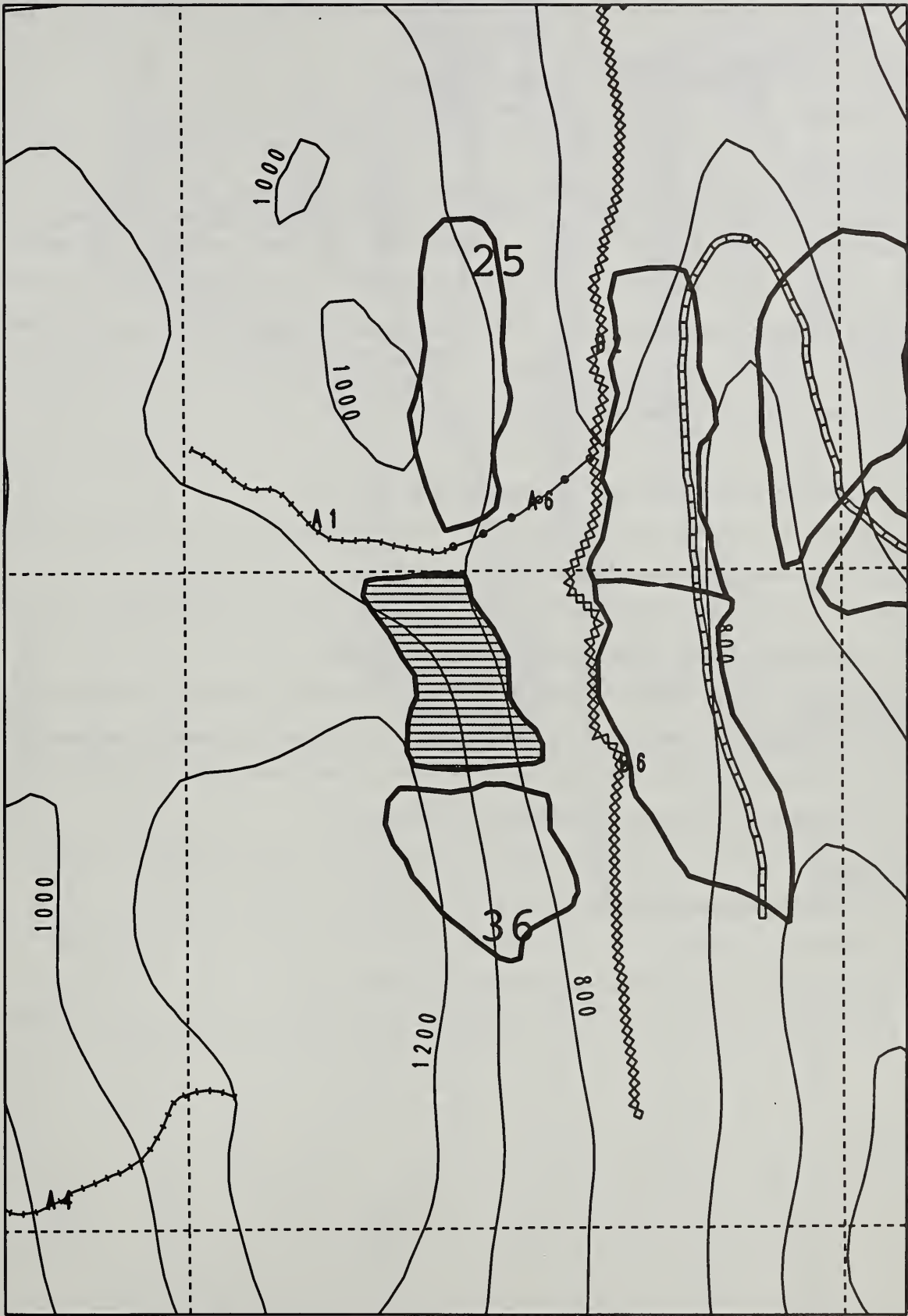
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 589-237



- — — — UNCLASS. STREAM WITHIN UNITS
- x — x — CLASS 1 STREAM
- • — • — CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — EXISTING ROADS
- — — — ALTERNATIVE ROAD
- — — — CONTOUR LINE
- - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-237</u>	Alternatives considered <u>3</u>
Planned acres <u>31</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>907</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 21 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 7 acres 800-1200 ft. 24 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 3 acres Medium 1 acres High 27 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

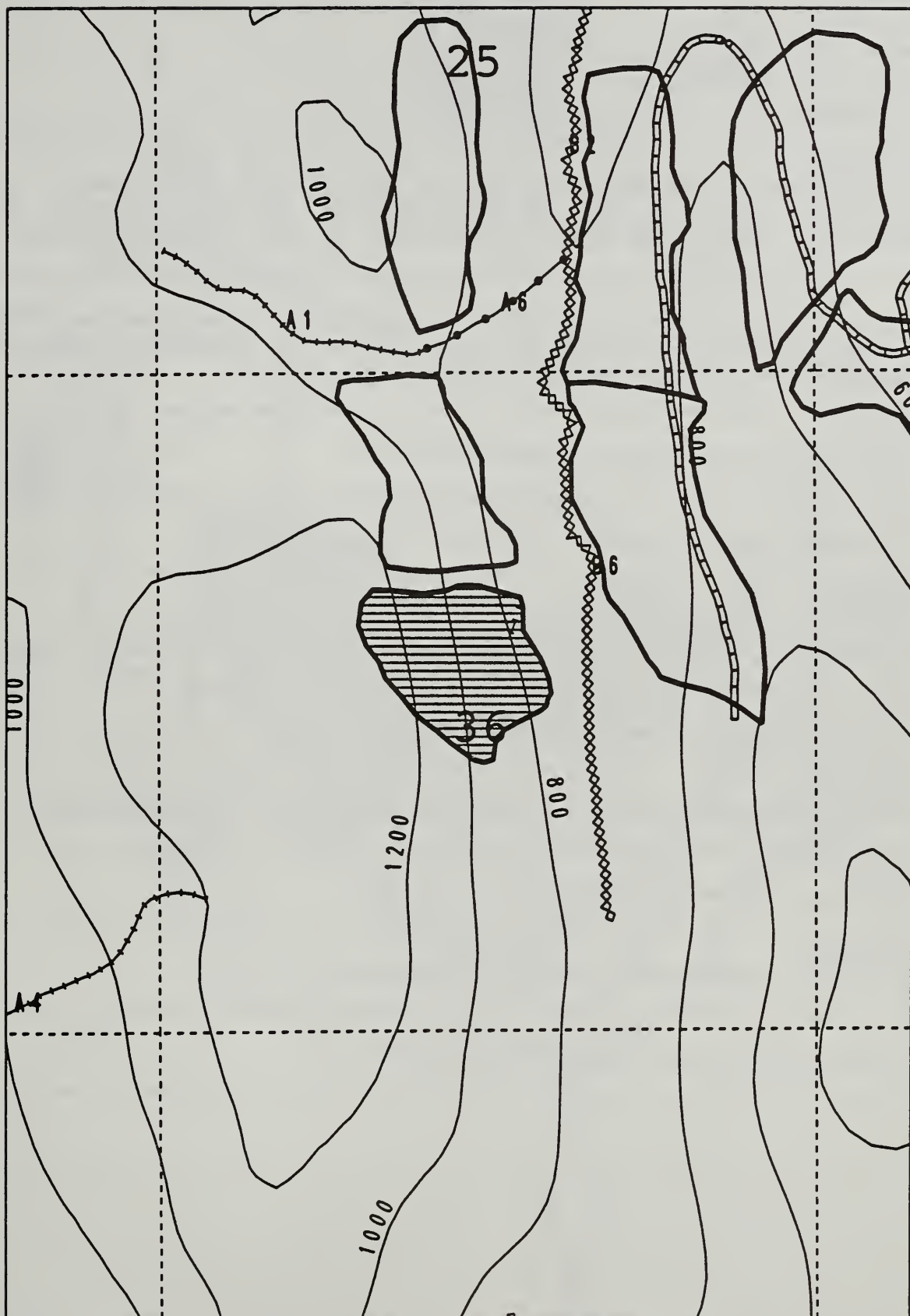
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 589-238



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

UNCLASS. STREAM WITHIN UNITS

CLASS 1 STREAM

CLASS 2 STREAM

CLASS 3 STREAM

EXISTING ROADS

ALTERNATIVE ROAD

CONTOUR LINE

SECTION LINE

NORTH



UNIT



EAGLE NEST



PRIOR HARVEST



WATER





UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-238</u>	Alternatives considered <u>3</u>
Planned acres <u>33</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>907</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 13 acres VC5 19 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 7 acres 800-1200 ft. 23 acres 1200-1500 ft. 4 acres over 1500 ft. 0 acres  
Mass movement index: Low 4 acres Medium 25 acres High 4 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 27 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

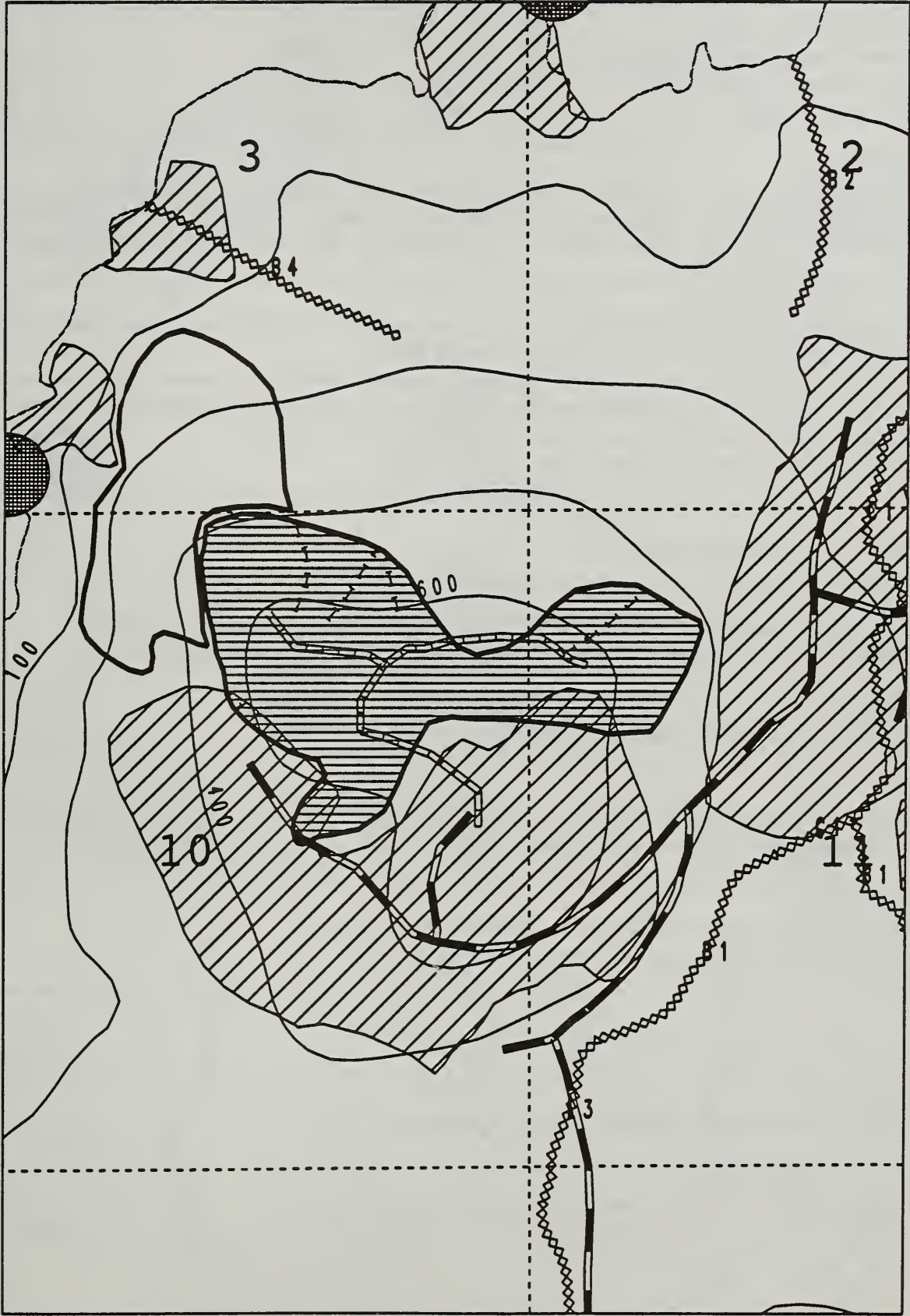
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 589-257



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- o--- CLASS 2 STREAM
- x--- CLASS 3 STREAM
- EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-257</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>118</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>3872</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>790004</u>
Forest type <u>Mixed conifer</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 98 acres VC6 16 acres VC7 1 acres  
Elevation breakdown: 0-800 ft. 116 acres 800-1200 ft. 1 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 81 acres Medium 0 acres High 37 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 43 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 75 acres of slopes > 75%.

TIMBER

Potentially very low volume per acre.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Sarheen Pass  
as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

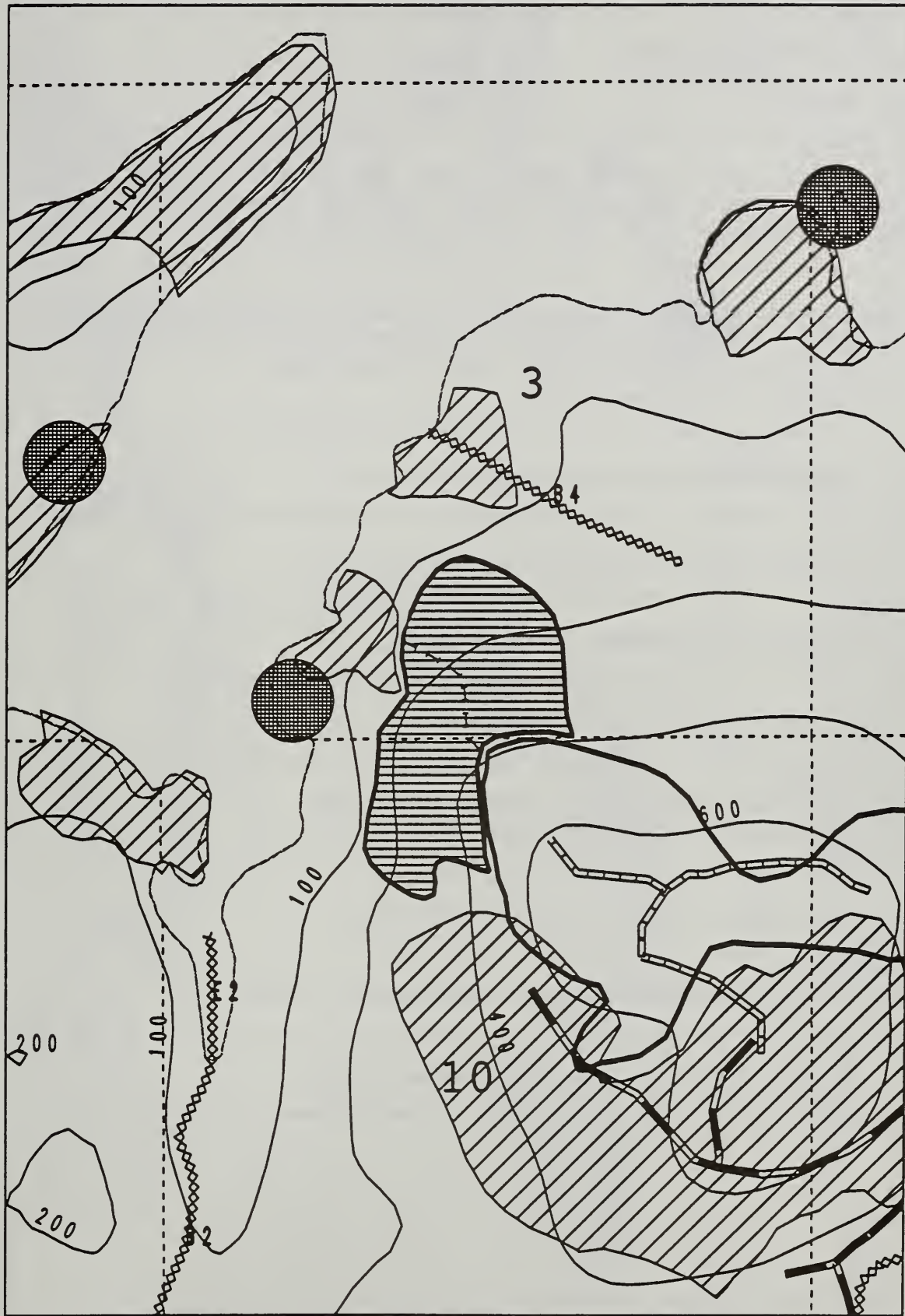
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 589-262



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-262</u>	Alternatives considered <u>3</u>
Planned acres <u>60</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>1745</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>790004</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 21 acres VC6 9 acres VC7 5 acres  
Elevation breakdown: 0-800 ft. 60 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 39 acres Medium 0 acres High 21 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 14 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 42 acres of slopes > 75%.

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TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

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FISH/WATERSHED

This unit contains unclassified streams.

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WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Sarheen Pass  
as viewed from 1 mile from west coast of Prince of Wales.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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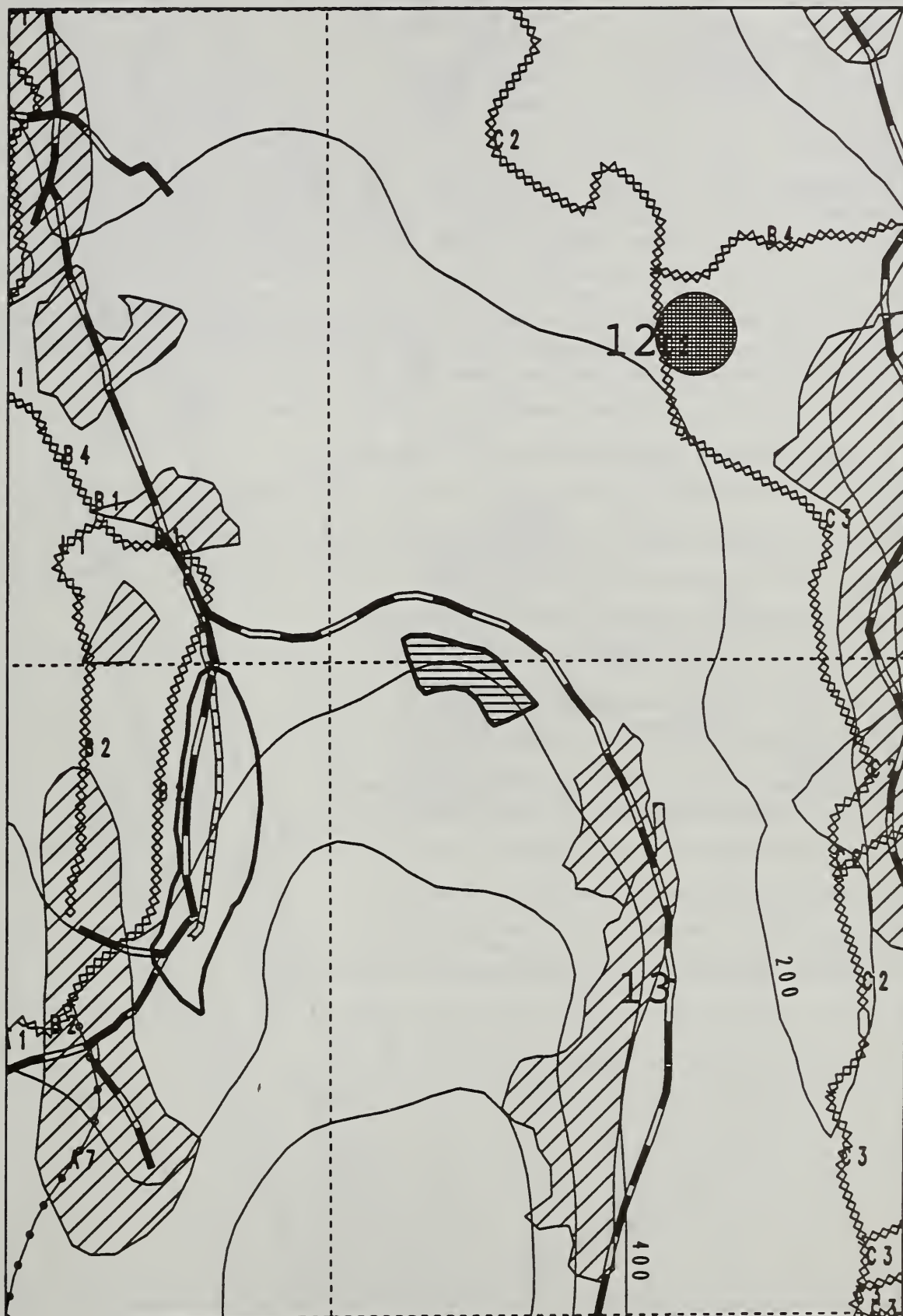
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 589-263



- |         |                              |
|---------|------------------------------|
| ---     | UNCLASS. STREAM WITHIN UNITS |
| ○○○○    | CLASS 1 STREAM               |
| ●●●●    | CLASS 2 STREAM               |
| —+—+—+— | CLASS 3 STREAM               |
| ==      | EXISTING ROADS               |
| —+—+—+— | ALTERNATIVE ROAD             |
| —       | CONTOUR LINE                 |
| - - - - | SECTION LINE                 |

NORTH



- |   |                  |
|---|------------------|
| ▨ | UNIT             |
| ▩ | EAGLE NEST       |
| ▧ | PRIORITY HARVEST |
| ▦ | WATER            |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-263</u>	Alternatives considered <u>3 4</u>
Planned acres <u>8</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>175</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990083</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 8 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 0 acres High 8 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 8 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

The unit has a proposed VQO of MM within the viewshed of Sarheen Pass  
as viewed from 1 mile from west coast of Prince of Wales.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

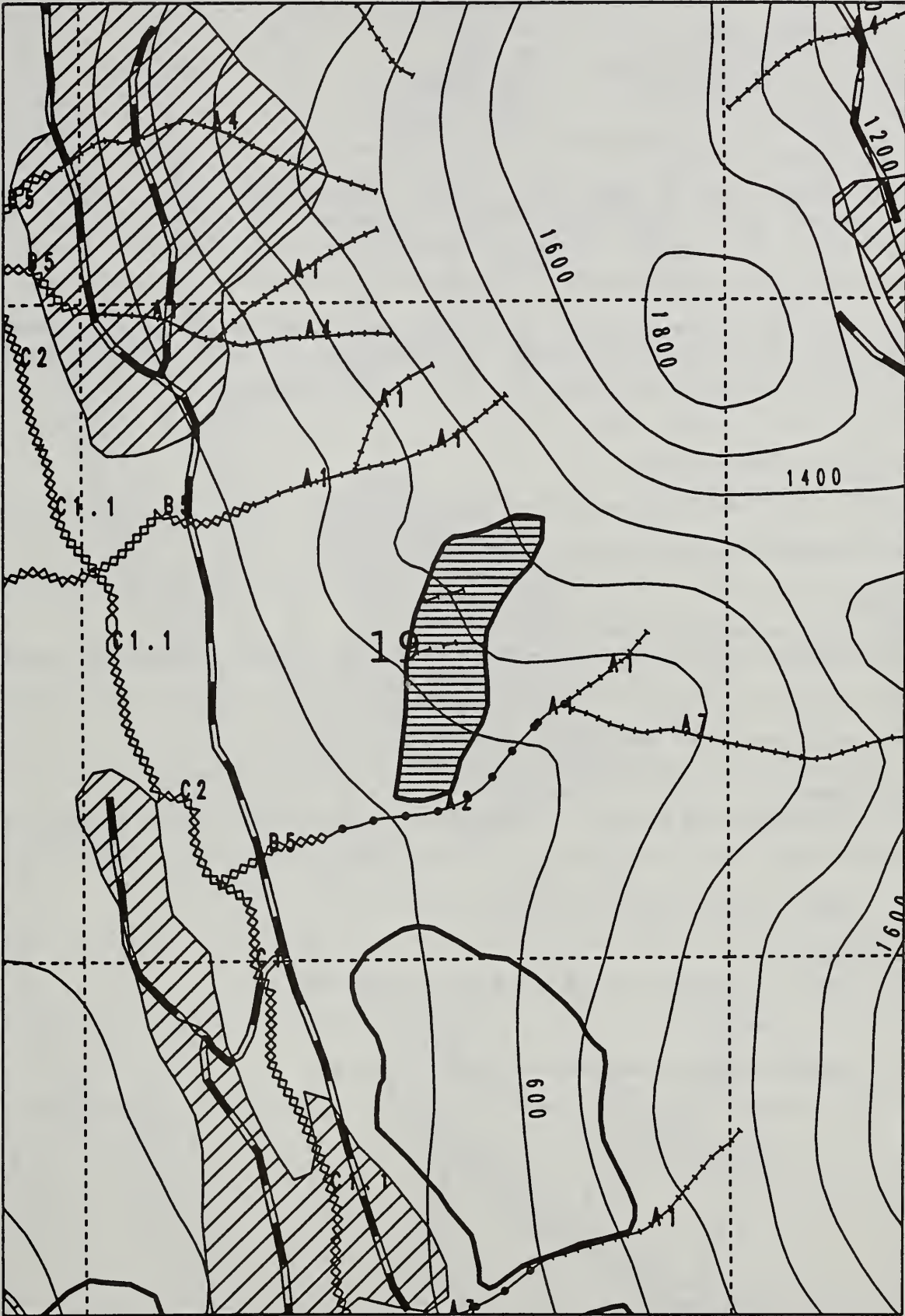
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 589-271



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- ▲ CLASS 2 STREAM
- ▲ CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-271</u>	Alternatives considered <u>3</u>
Planned acres <u>31</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>668</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990053</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 1 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 13 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 1 acres Medium 1 acres High 29 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 28 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

Potentially very low volume per acre.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

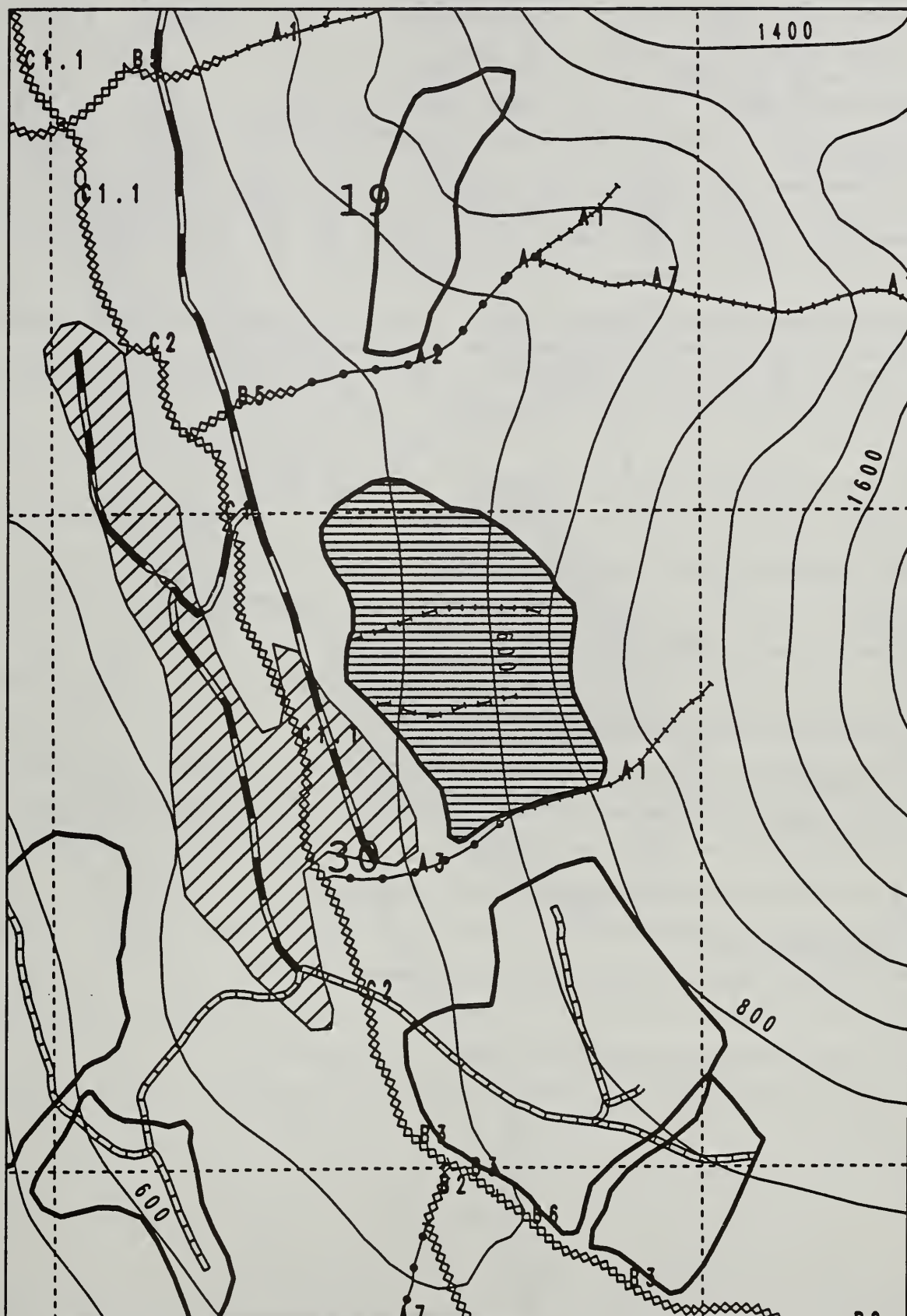
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 589-273



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-273</u>	Alternatives considered <u>3</u>
Planned acres <u>93</u>	Quad <u>CRGC4NWN</u>
Estimated volume (mbf) <u>2055</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990054</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 10 acres VC5 56 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 84 acres 800-1200 ft. 9 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 13 acres High 61 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit contains 31 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

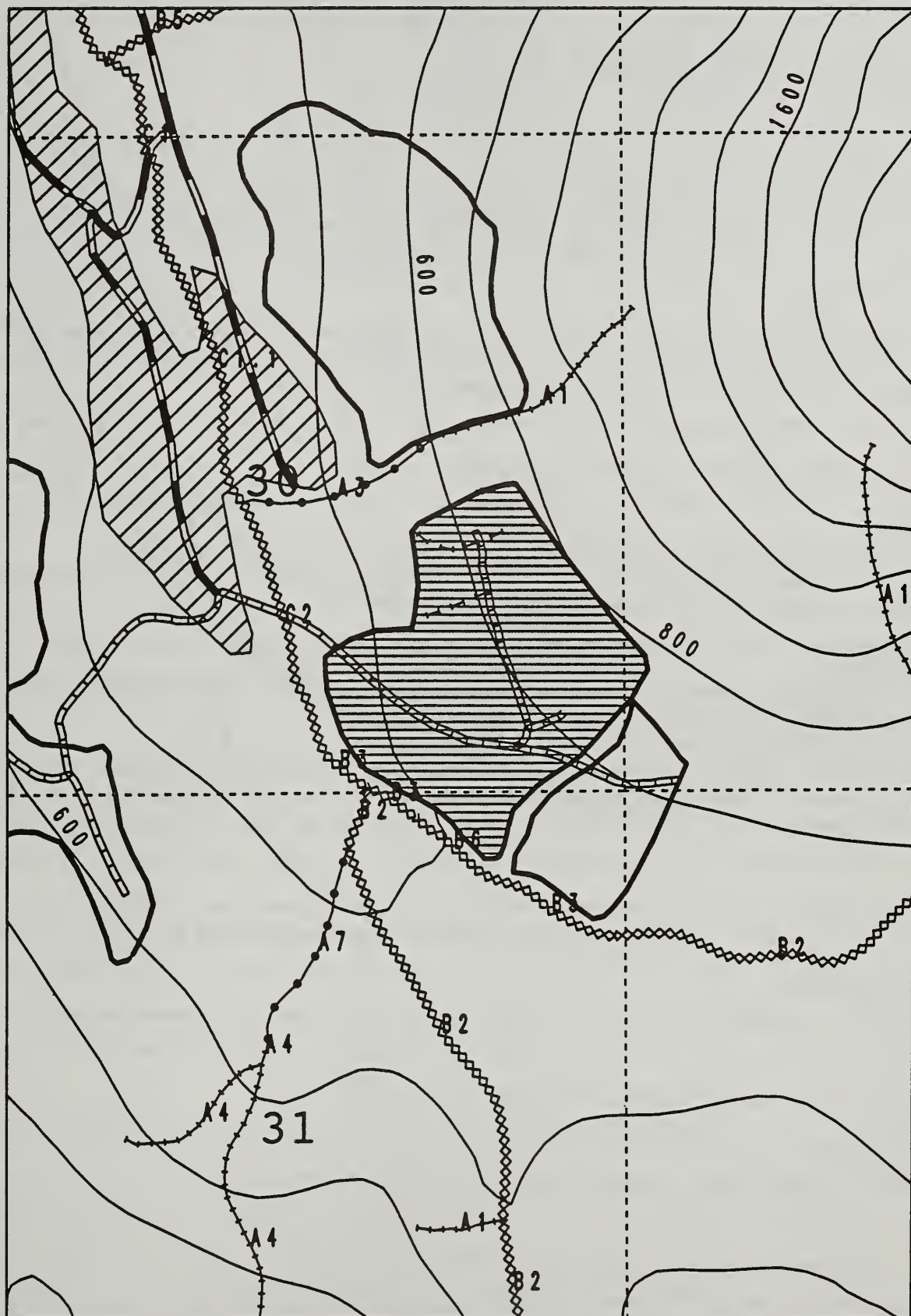
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 589-274



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-274</u>	Alternatives considered <u>3 4</u>
Planned acres <u>99</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>2842</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 28 acres VC5 68 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 97 acres 800-1200 ft. 1 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 6 acres Medium 1 acres High 92 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 29 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a C2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a C2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

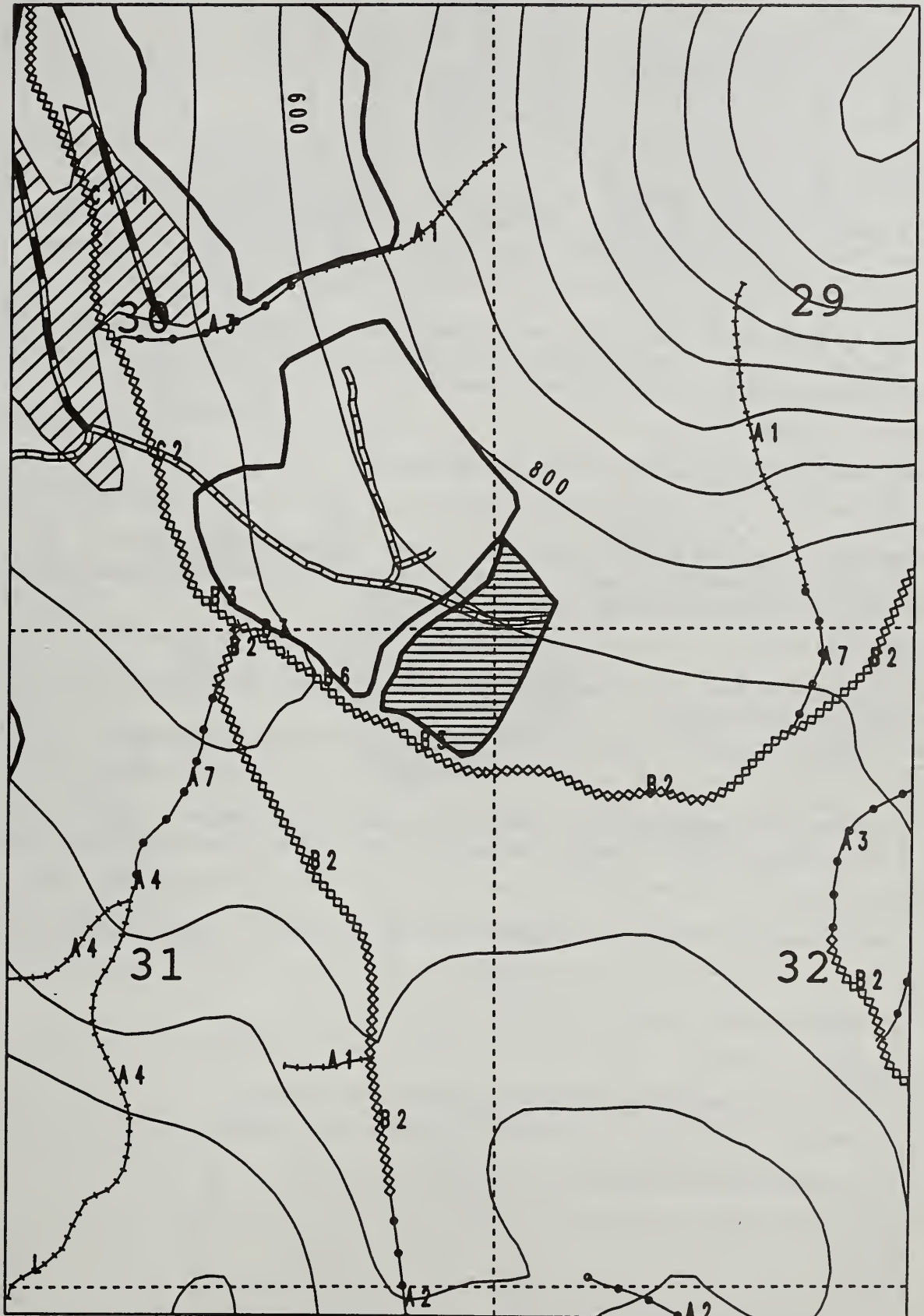
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 589-275



- |             |                              |
|-------------|------------------------------|
| ---         | UNCLASS. STREAM WITHIN UNITS |
| -----x----- | CLASS 1 STREAM               |
| .....       | CLASS 2 STREAM               |
| -----x----- | CLASS 3 STREAM               |
| =====       | EXISTING ROADS               |
| -----x----- | ALTERNATIVE ROAD             |
| ---         | CONTOUR LINE                 |
| ---         | SECTION LINE                 |

- |             |               |
|-------------|---------------|
| =====       | UNIT          |
| -----x----- | EAGLE NEST    |
| -----x----- | PRIOR HARVEST |
| =====       | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>589-275</u>	Alternatives considered <u>3 4</u>
Planned acres <u>27</u>	Quad <u>CRGC4NWS</u>
Estimated volume (mbf) <u>688</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1990055</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 21 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 27 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 5 acres Medium 0 acres High 22 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 15 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a C2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

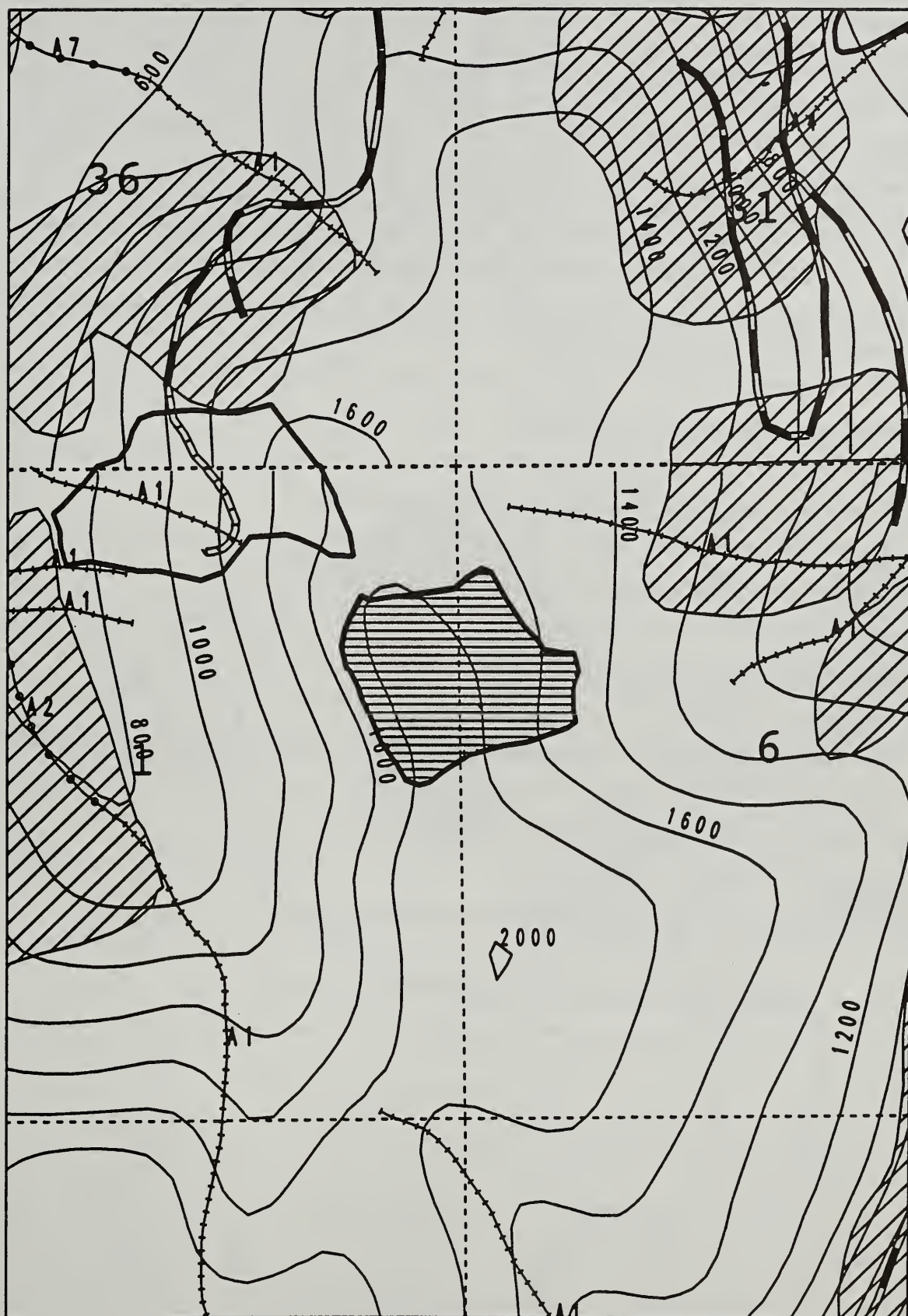
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 590-201



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ----  | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ----- | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ----- | EAGLE NEST    |
| ----- | PRIOR HARVEST |
| ----- | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-201</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>49</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1551</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>1190042</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 45 acres VC6 2 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 2 acres over 1500 ft. 47 acres  
Mass movement index: Low 26 acres Medium 0 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 47 acres of slopes > 75%.

TIMBER

Shelterwood harvest. Cedar will not be harvested.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

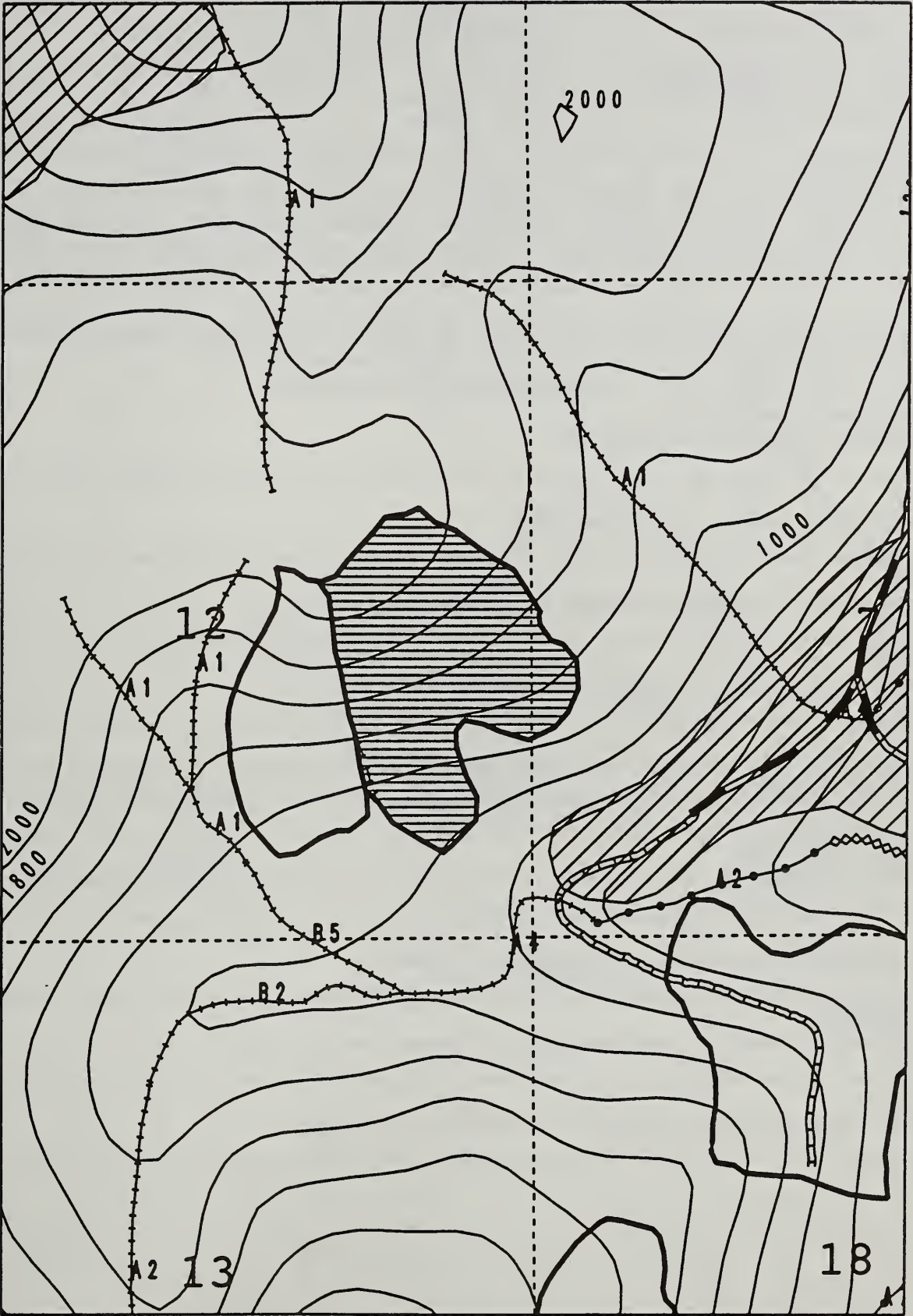
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

UNIT 590-210



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-210</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>76</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2230</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Shelterwood</u>	Photo <u></u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 21 acres VC5 54 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 11 acres 1200-1500 ft. 21 acres over 1500 ft. 44 acres  
Mass movement index: Low 31 acres Medium 0 acres High 45 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit has a significant possibility to have areas reclassified as MMI = 4.

This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).

This unit contains 59 acres of slopes > 75%.

TIMBER

Shelterwood harvest. Cedar will not be harvested.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

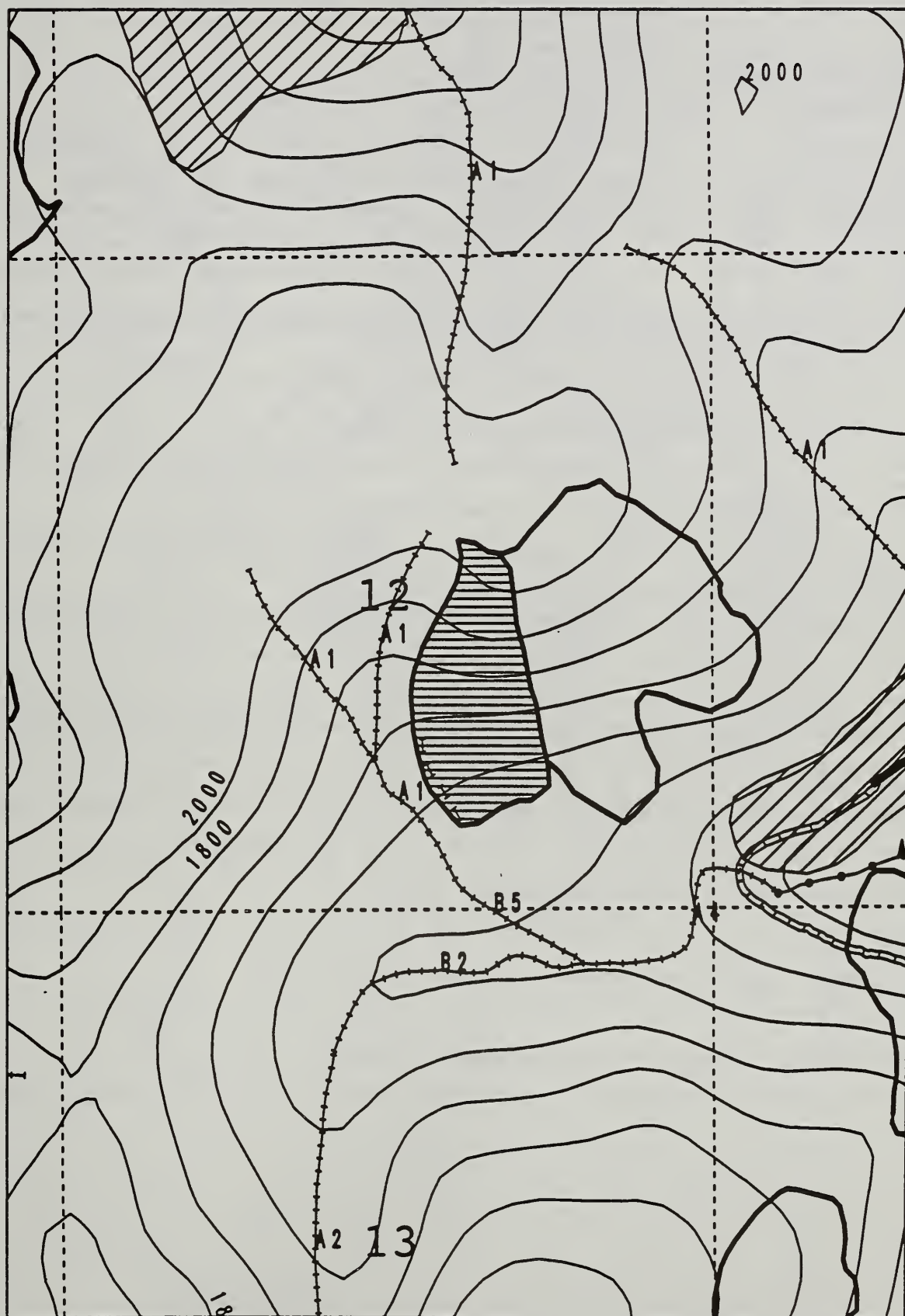
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 590-211



- |  |                              |
|--|------------------------------|
|  | UNCLASS. STREAM WITHIN UNITS |
|  | CLASS 1 STREAM               |
|  | CLASS 2 STREAM               |
|  | CLASS 3 STREAM               |
|  | EXISTING ROADS               |
|  | ALTERNATIVE ROAD             |
|  | CONTOUR LINE                 |
|  | SECTION LINE                 |



- |  |               |
|--|---------------|
|  | UNIT          |
|  | EAGLE NEST    |
|  | PRIOR HARVEST |
|  | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-211</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>53</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1644</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>NONE</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 9 acres VC5 36 acres VC6 7 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 8 acres 1200-1500 ft. 20 acres over 1500 ft. 25 acres  
Mass movement index: Low 32 acres Medium 0 acres High 21 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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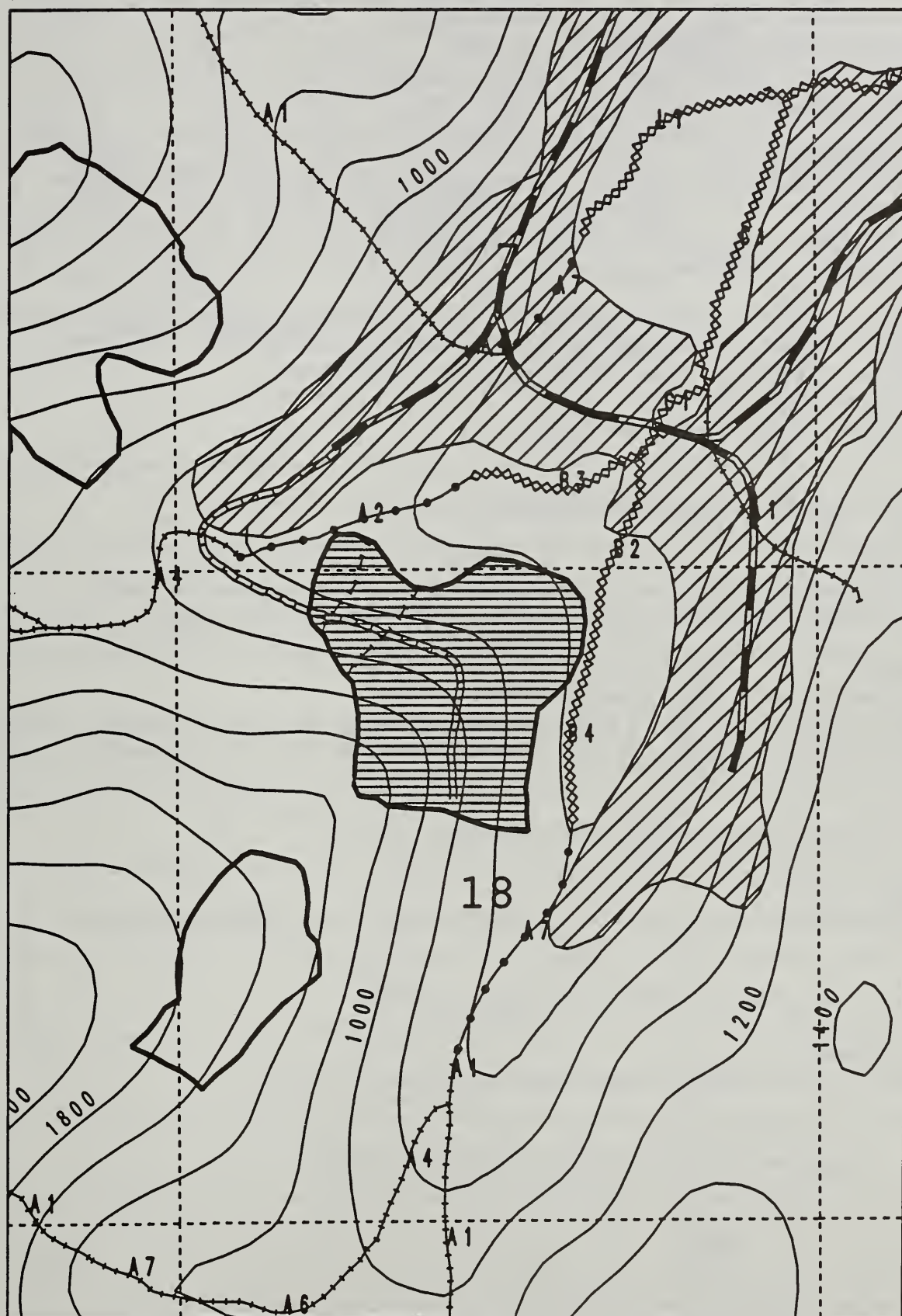
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---



UNIT 590-217



- UNCLASS. STREAM WITHIN UNITS  
CLASS 1 STREAM  
CLASS 2 STREAM  
CLASS 3 STREAM  
EXISTING ROADS  
ALTERNATIVE ROAD  
CONTOUR LINE  
SECTION LINE
- NORTH



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-217</u>	Alternatives considered <u>2</u>
Planned acres <u>81</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>2722</u>	Mgmt Area <u>K07</u>
Logging system <u>Slackline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 52 acres VC6 25 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 62 acres 800-1200 ft. 18 acres 1200-1500 ft. 1 acres over 1500 ft. 0 acres  
Mass movement index: Low 18 acres Medium 0 acres High 63 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a significant possibility to have areas reclassified as MMI = 4.  
This unit has > 40% McGilvery soils. Partial suspension required (BMP13.9)  
to ensure reforestation (BMP13.19).  
This unit contains 32 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
Oversteepened slopes may require full bench construction and endhaul of waste (BMP14.7).

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B4 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A2 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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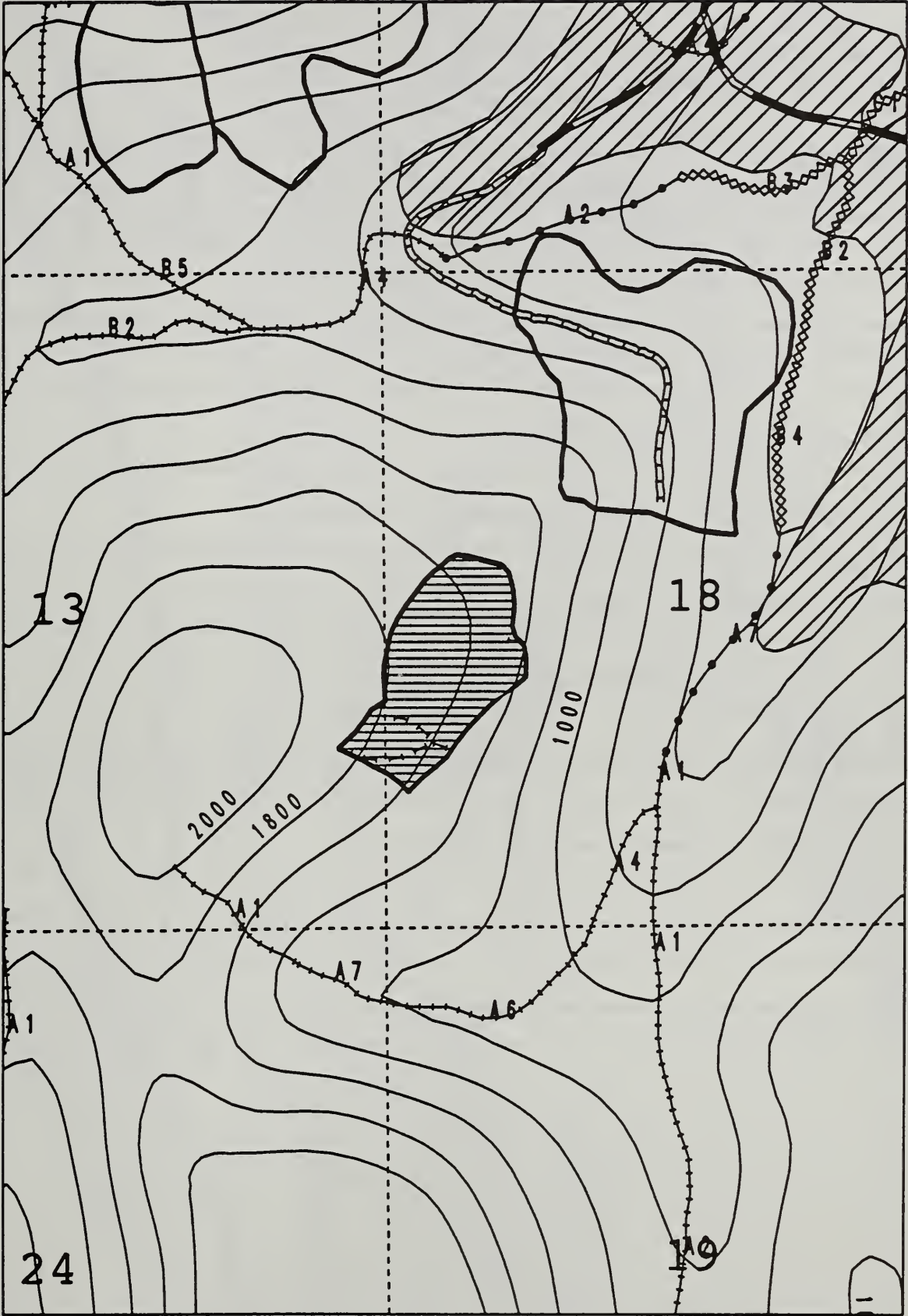
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

UNIT 590-219



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-219</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>36</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1098</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Shelterwood</u>	Photo <u>NONE</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 5 acres VC5 29 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 0 acres 1200-1500 ft. 5 acres over 1500 ft. 30 acres  
Mass movement index: Low 19 acres Medium 0 acres High 17 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 34 acres of slopes > 75%.

---

TIMBER

Shelterwood harvest. Cedar will not be harvested.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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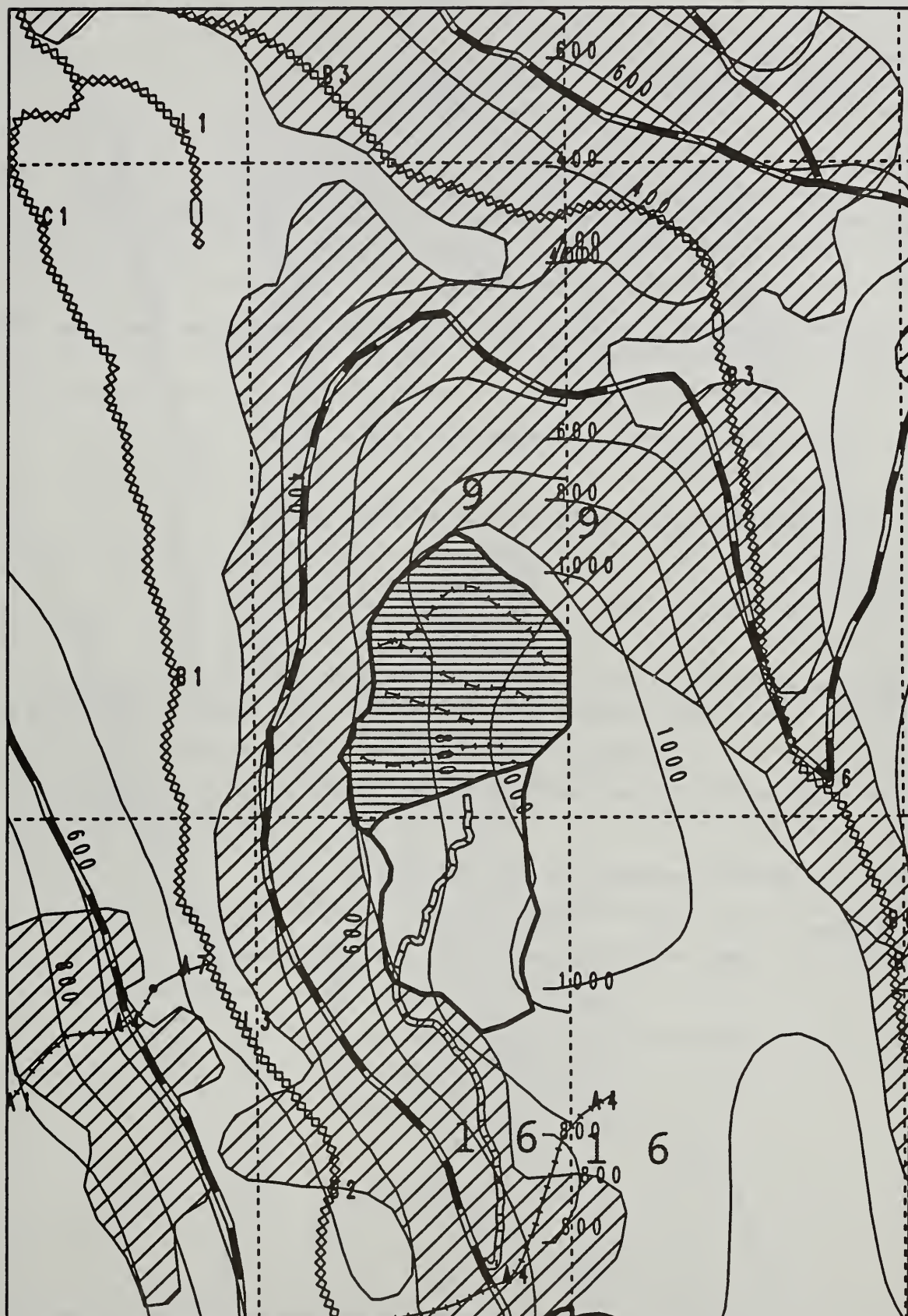
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 590-229



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- +—+—+ CLASS 3 STREAM
- == EXISTING ROADS
- - - - - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-229</u>	Alternatives considered <u>2</u> <u>5</u>
Planned acres <u>65</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1776</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190049</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 24 acres VC6 26 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 18 acres 800-1200 ft. 46 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 13 acres Medium 0 acres High 52 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 25 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

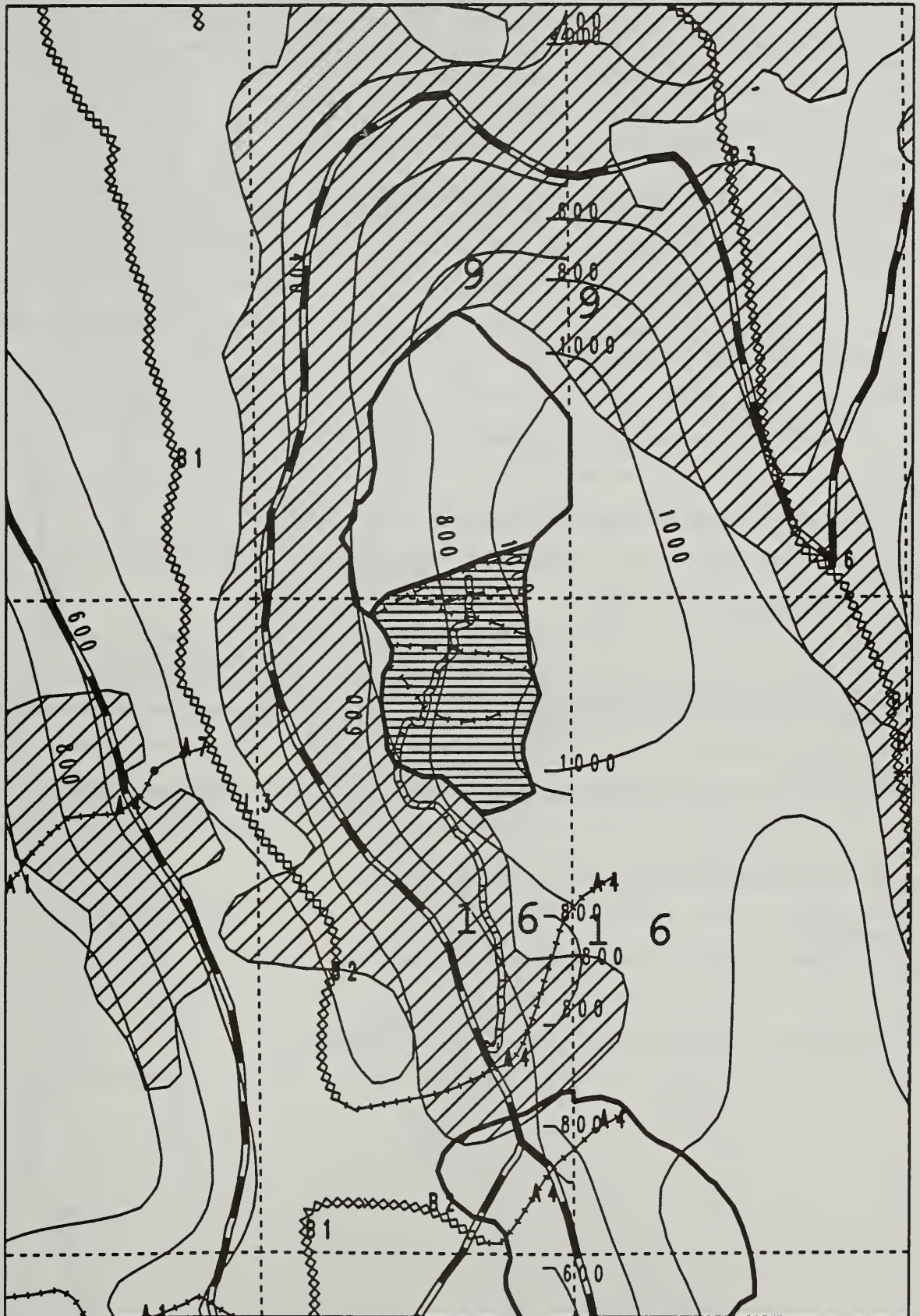
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 590-230



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-230</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>47</u>	Quad <u>CRGC4NEN</u>
Estimated volume (mbf) <u>1259</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190049</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 21 acres VC6 15 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 12 acres 800-1200 ft. 35 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 15 acres Medium 0 acres High 32 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

This unit contains 29 acres of slopes > 75%.

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

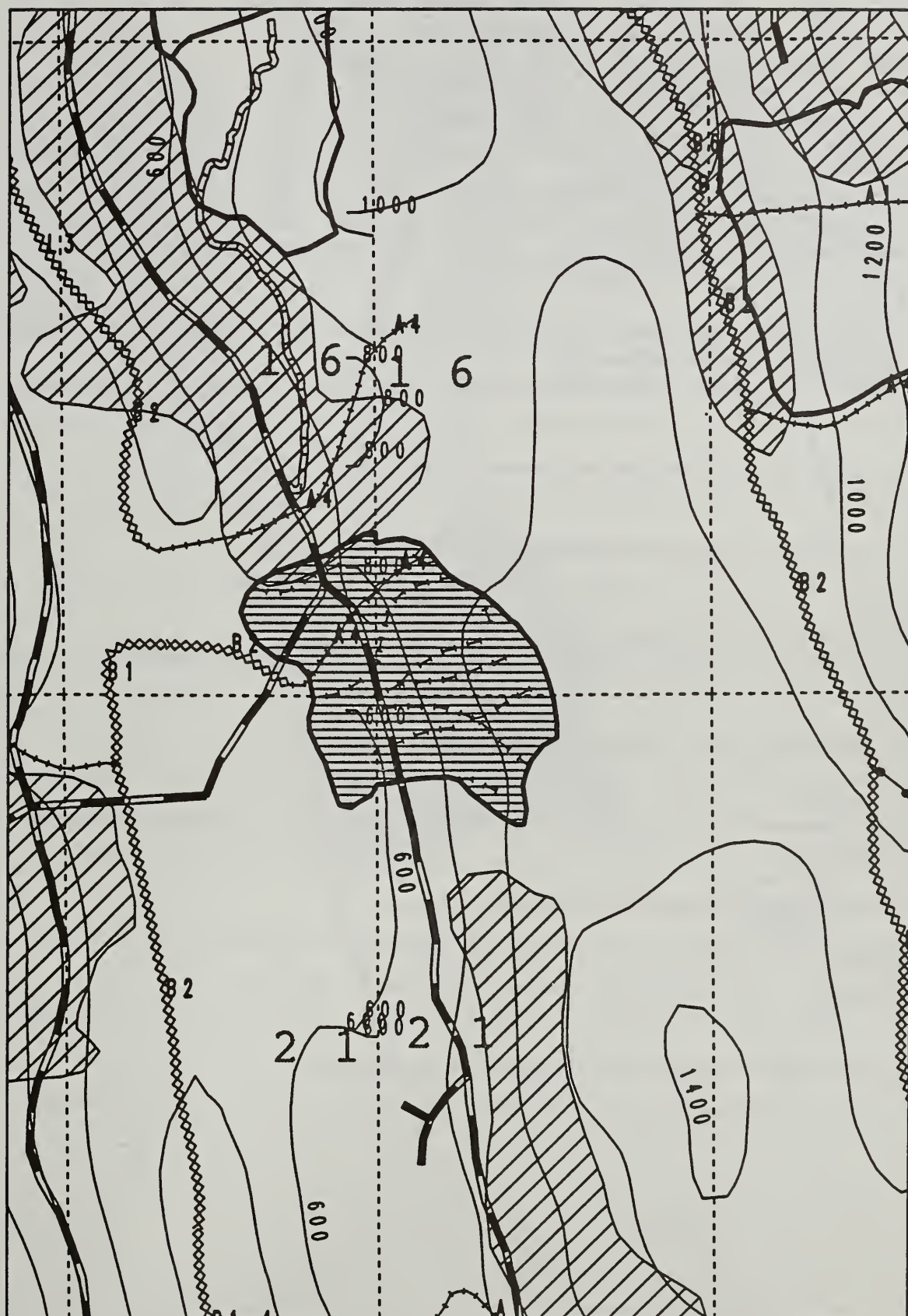
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 590-231



- |  |                              |
|--|------------------------------|
|  | UNCLASS. STREAM WITHIN UNITS |
|  | CLASS 1 STREAM               |
|  | CLASS 2 STREAM               |
|  | CLASS 3 STREAM               |
|  | EXISTING ROADS               |
|  | ALTERNATIVE ROAD             |
|  | CONTOUR LINE                 |
|  | SECTION LINE                 |



- |  |               |
|--|---------------|
|  | UNIT          |
|  | EAGLE NEST    |
|  | PRIOR HARVEST |
|  | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-231</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>84</u>	Quad <u>CRGC3NWN</u>
Estimated volume (mbf) <u>3348</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1190047</u>
Forest type <u>Mixed conifer</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 3 acres VC5 56 acres VC6 38 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 42 acres 800-1200 ft. 42 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 35 acres Medium 0 acres High 49 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 30 acres of slopes > 75%.  
This unit contains 18 acres of riparian soils. Maintain water quality and fish habitat (BMPs12.6, 13.9).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

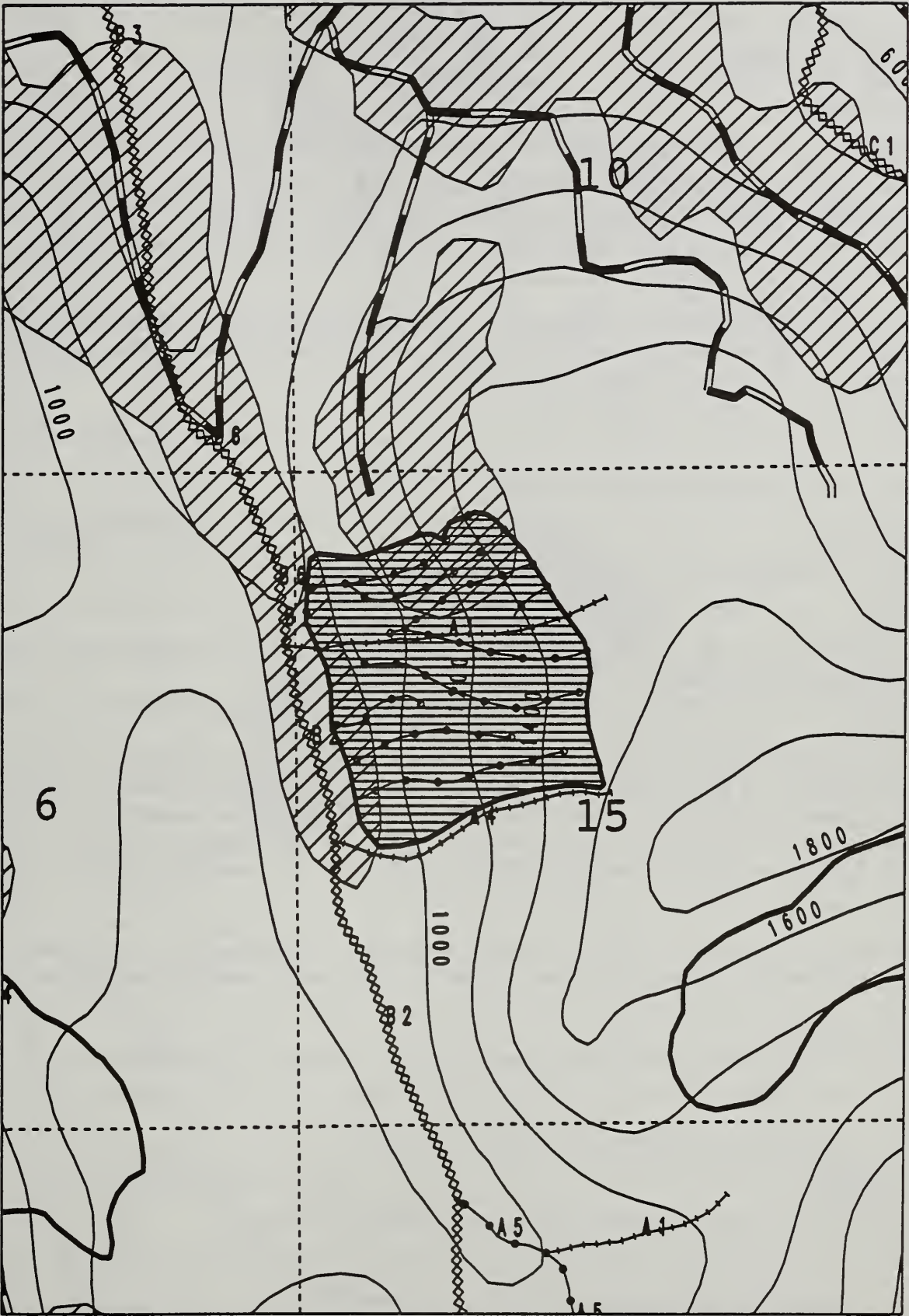
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

UNIT 590-243



- UNCLASS. STREAM WITHIN UNITS
- - - - - CLASS 1 STREAM
- . - . - CLASS 2 STREAM
- x - x - CLASS 3 STREAM
- == EXISTING ROADS
- x - x - ALTERNATIVE ROAD
- CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-243</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>103</u>	Quad <u>CRGC3NWN</u>
Estimated volume (mbf) <u>3206</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890128</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 14 acres VC5 78 acres VC6 9 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 1 acres 800-1200 ft. 61 acres 1200-1500 ft. 38 acres over 1500 ft. 4 acres  
Mass movement index: Low 21 acres Medium 68 acres High 14 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 10 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).  
This unit contains 8 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Potential impact on significant fishery habitat. May be necessary to expand planned buffer in accordance with AHMU Handbook.  
This unit contains a A1 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B6 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.  
Immediately adjacent to a A4 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

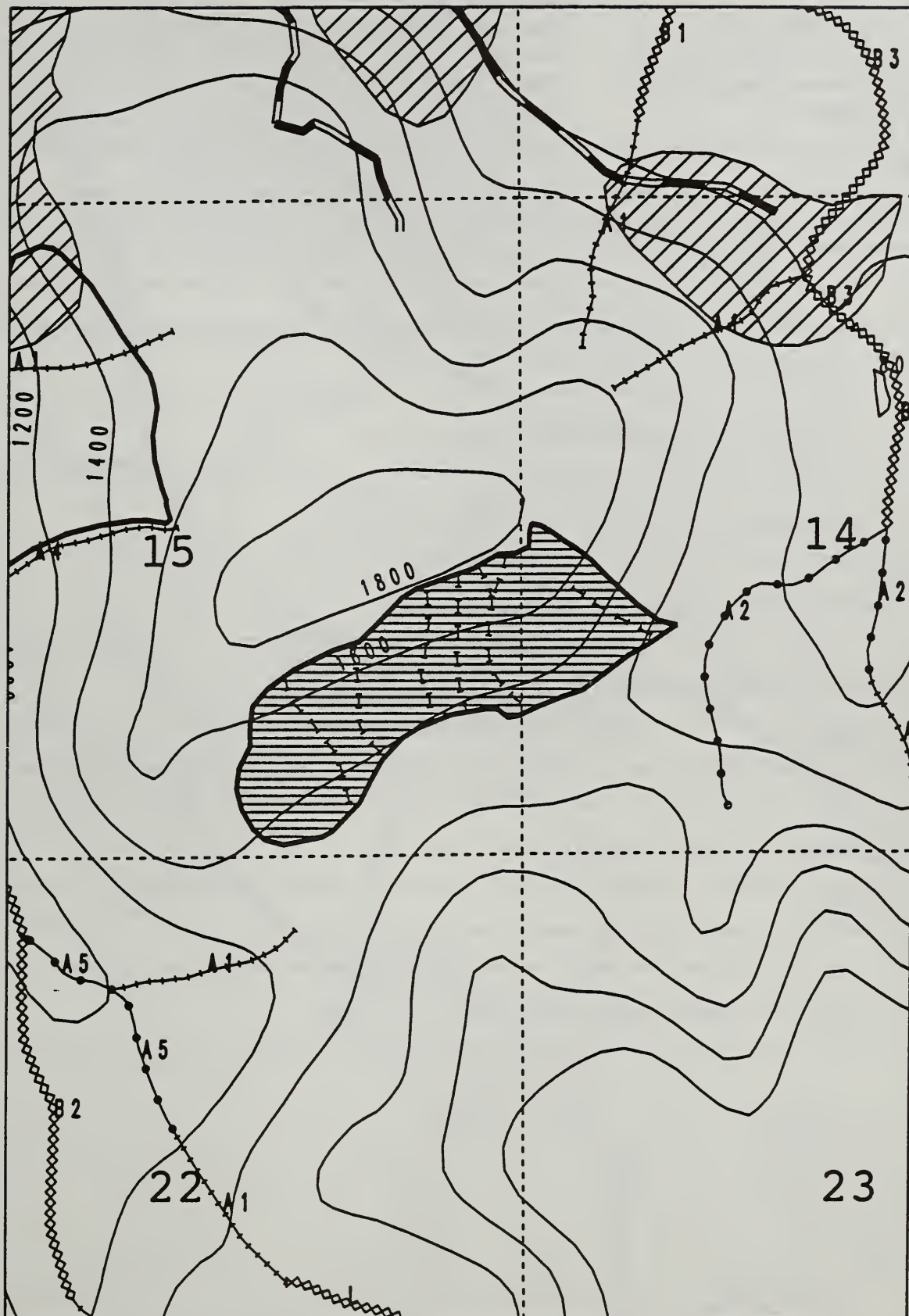
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 590-244



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-244</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>86</u>	Quad <u>CRGC3NWN</u>
Estimated volume (mbf) <u>2481</u>	Mgmt Area <u>K07</u>
Logging system <u>Helicopter</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890127</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 28 acres VC5 57 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 1 acres 1200-1500 ft. 43 acres over 1500 ft. 42 acres  
Mass movement index: Low 19 acres Medium 0 acres High 67 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 34 acres of slopes > 75%.

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

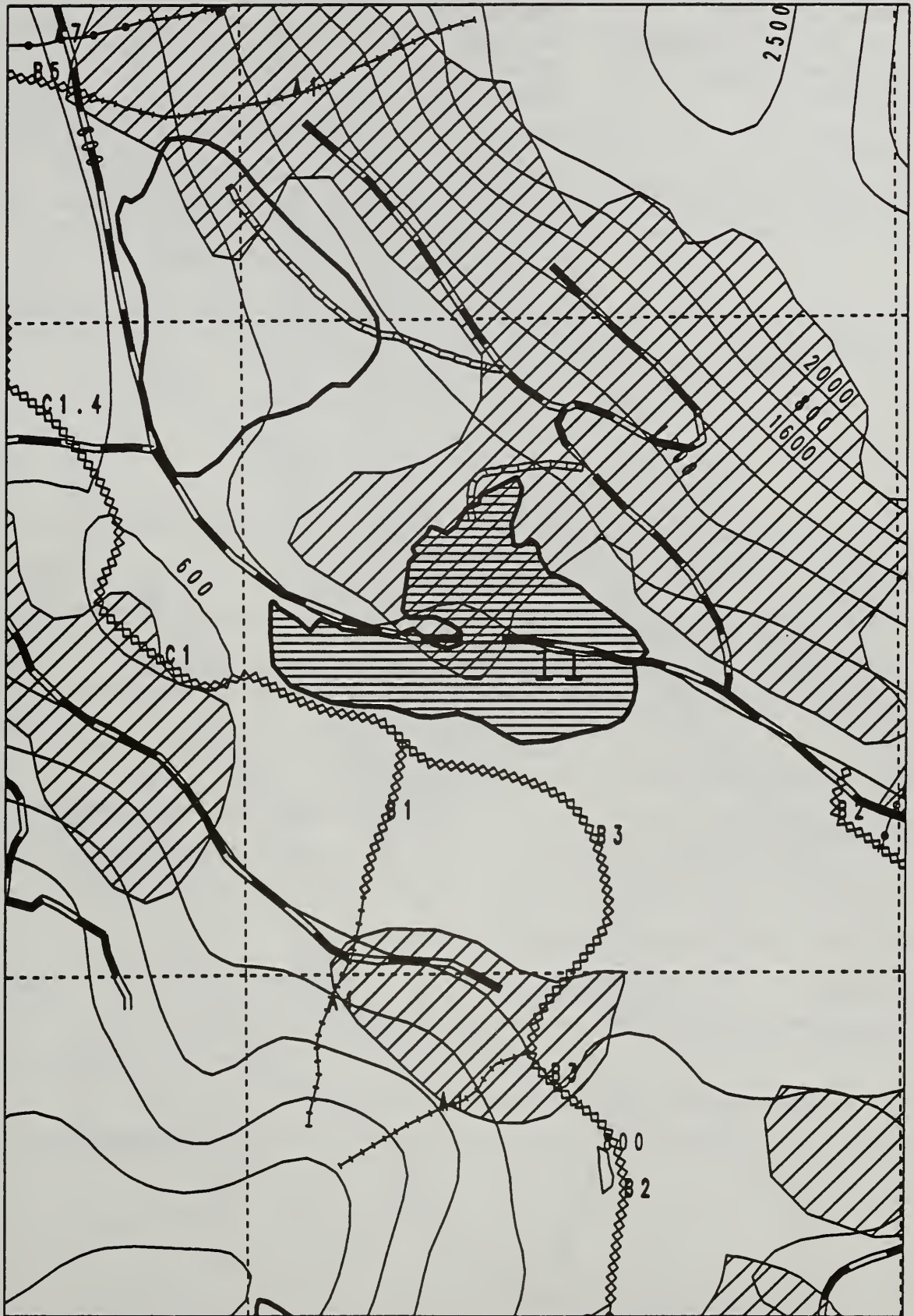
There are no cultural resource mitigation measures anticipated for this unit.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.

SCALE 1:15840

# UNIT 590-246



- — — — — UNCLASS. STREAM WITHIN UNITS
- ⊗ ⊗ ⊗ ⊗ ⊗ CLASS 1 STREAM
- — ● — ● — CLASS 2 STREAM
- — — — — CLASS 3 STREAM
- — — — — EXISTING ROADS
- — — — — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-246</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>73</u>	Quad <u>CRGC3NWN</u>
Estimated volume (mbf) <u>2085</u>	Mgmt Area <u>K07</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 8 acres VC5 42 acres VC6 14 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 46 acres 800-1200 ft. 27 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 39 acres Medium 0 acres High 34 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 24 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potentially very low volume per acre.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

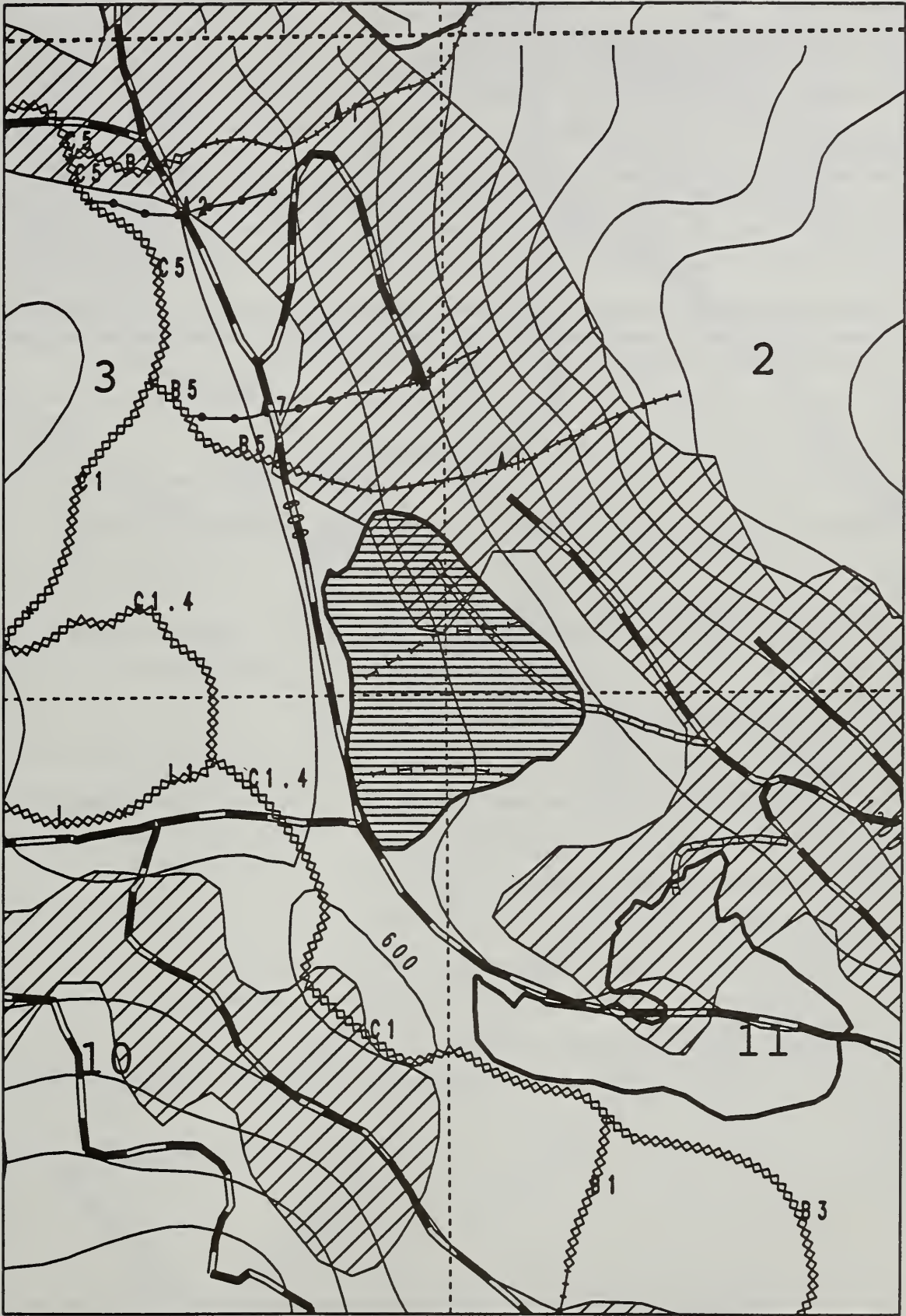
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

UNIT 590-276



- |             |                              |
|-------------|------------------------------|
| ---         | UNCLASS. STREAM WITHIN UNITS |
| -----x----- | CLASS 1 STREAM               |
| -----o----- | CLASS 2 STREAM               |
| -----+----- | CLASS 3 STREAM               |
| =====       | EXISTING ROADS               |
| -----       | ALTERNATIVE ROAD             |
| -----       | CONTOUR LINE                 |
| -----       | SECTION LINE                 |

NORTH



- |             |               |
|-------------|---------------|
| =====       | UNIT          |
| -----x----- | EAGLE NEST    |
| -----       | PRIOR HARVEST |
| =====       | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>590-276</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>79</u>	Quad <u>CRGC3NWN</u>
Estimated volume (mbf) <u>2132</u>	Mgmt Area <u>K07</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1422</u>
Silvicultural system <u>Clearcut</u>	Photo <u>890126</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 24 acres VC5 49 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 45 acres 800-1200 ft. 34 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 57 acres Medium 0 acres High 22 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 43 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

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RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

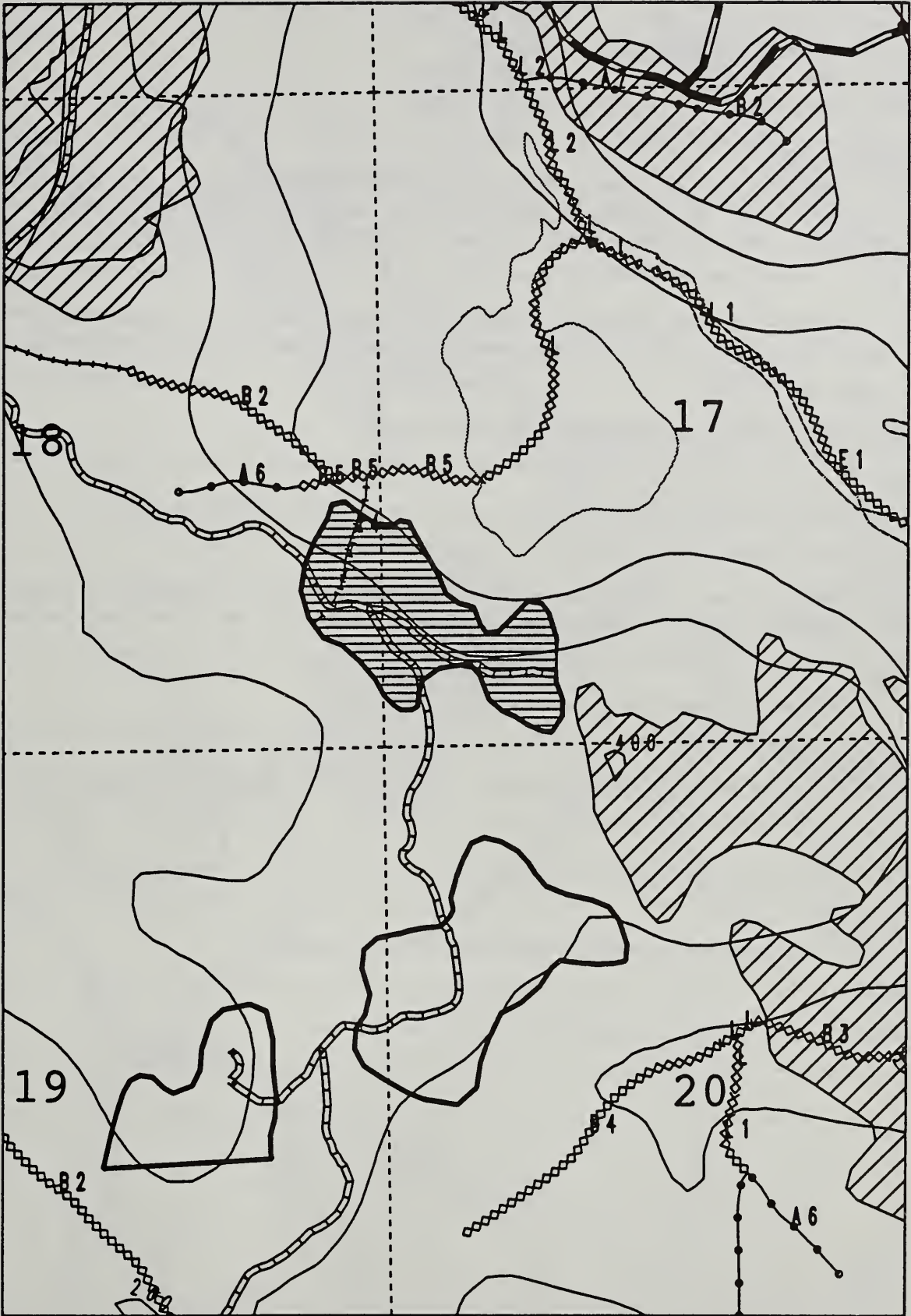
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 598-203



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-203</u>	Alternatives considered <u>5</u>
Planned acres <u>44</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1254</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690137</u>
Forest type <u>Mixed conifer</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 20 acres VC5 4 acres VC6 18 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 44 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 7 acres Medium 1 acres High 36 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit contains a A4 class 3 stream. No specific buffer required, but full suspension, if yarding across.  
This unit is immediately adjacent to a B5 stream. No harvest within active fan or 100 feet of stream.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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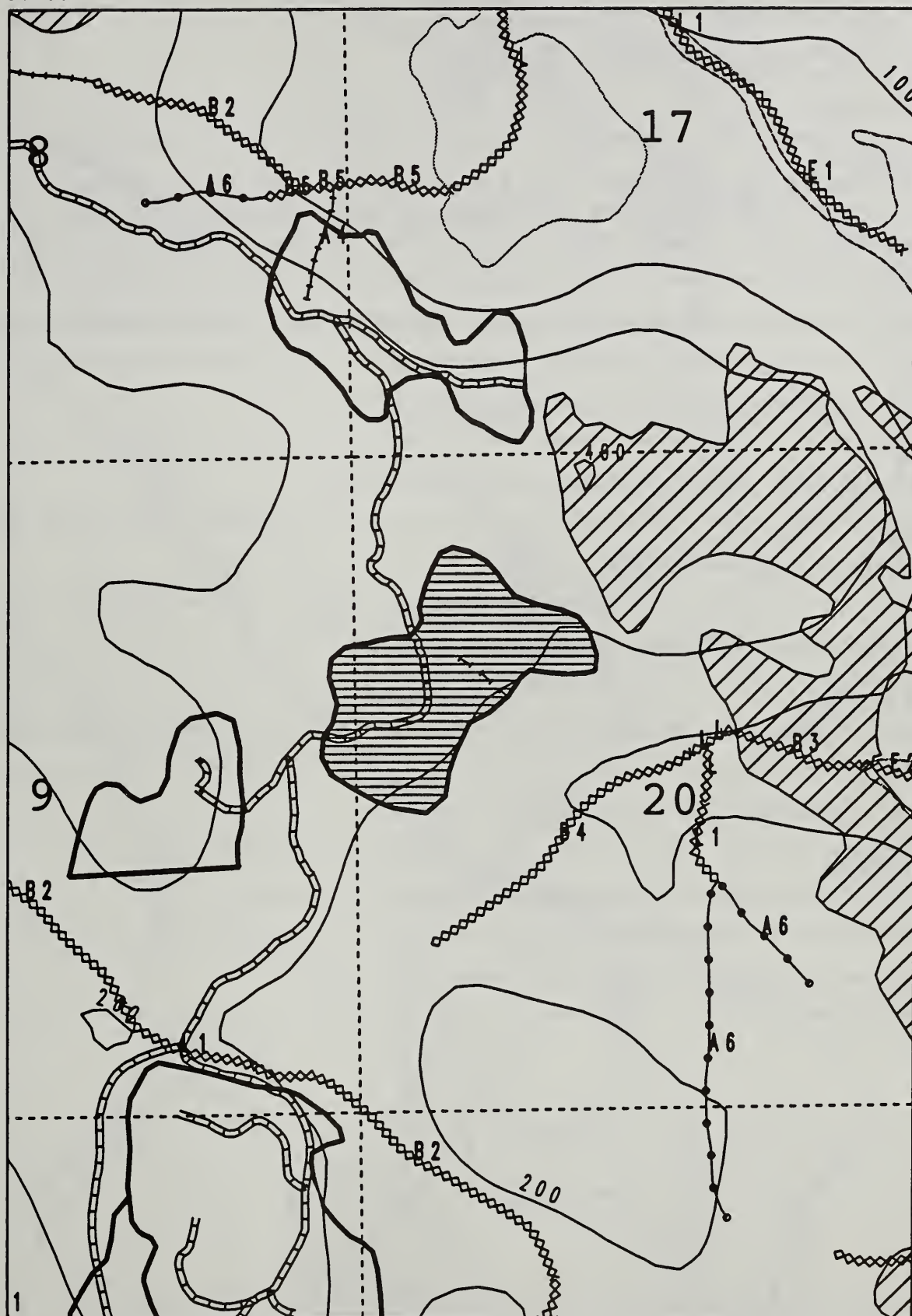
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

# UNIT 598-205



- |       |                              |
|-------|------------------------------|
| ---   | UNCLASS. STREAM WITHIN UNITS |
| ----  | CLASS 1 STREAM               |
| ..... | CLASS 2 STREAM               |
| ----- | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ----- | CONTOUR LINE                 |
| ----- | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ----- | EAGLE NEST    |
| ----- | PRIOR HARVEST |
| ----- | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-205</u>	Alternatives considered <u>5</u>
Planned acres <u>54</u>	Quad <u>CRGC2SWN</u>
Estimated volume (mbf) <u>1160</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690137</u>
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 53 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 54 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 53 acres Medium 1 acres High 0 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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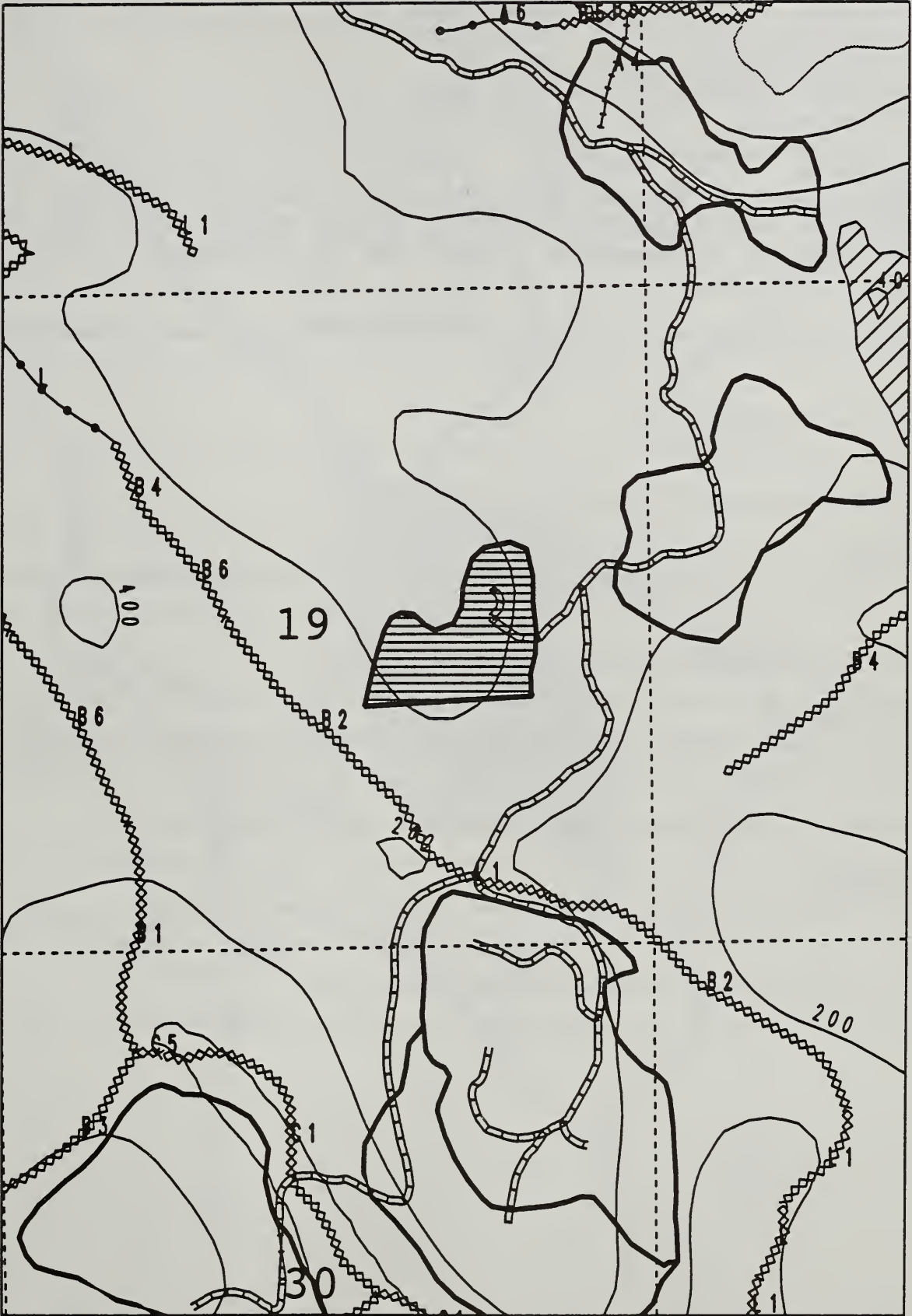
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 598-206



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-206</u>	Alternatives considered <u>5</u>
Planned acres <u>26</u>	Quad <u>CRGC2SWN</u>
Estimated volume (mbf) <u>569</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690136</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 26 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 2 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

Potentially very low volume per acre.

---

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

---

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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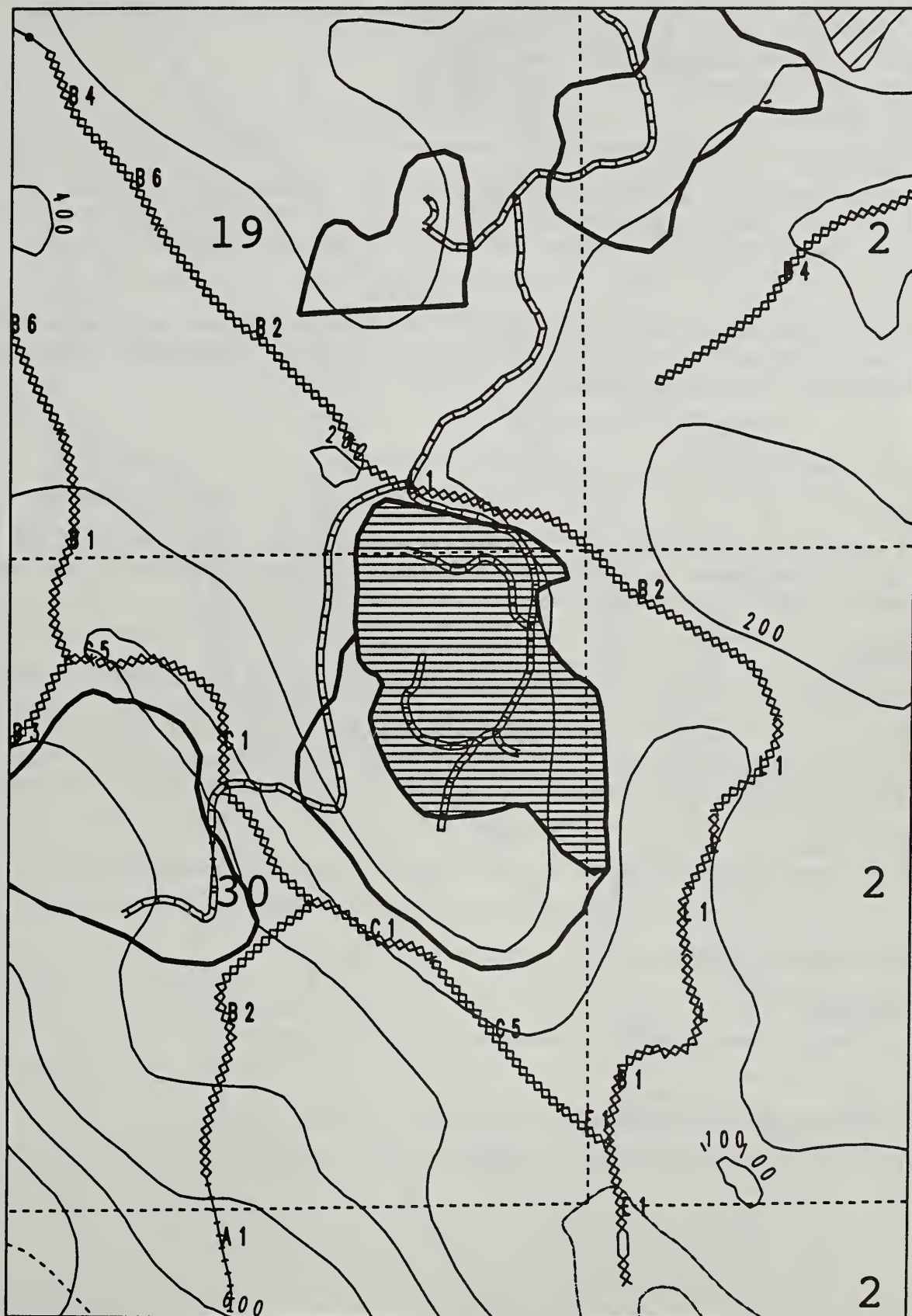
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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UNIT 598-207



- |  |                              |  |
|--|------------------------------|--|
|  | UNCLASS. STREAM WITHIN UNITS |  |
|  | CLASS 1 STREAM               |  |
|  | CLASS 2 STREAM               |  |
|  | CLASS 3 STREAM               |  |
|  | EXISTING ROADS               |  |
|  | ALTERNATIVE ROAD             |  |
|  | CONTOUR LINE                 |  |
|  | SECTION LINE                 |  |



- UNIT  
EAGLE NEST  
PRIOR HARVEST  
WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-207</u>	Alternatives considered <u>5</u>
Planned acres <u>94</u>	Quad <u>CRGC2SWN</u>
Estimated volume (mbf) <u>2885</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690135</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 22 acres VC5 71 acres VC6 2 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 94 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 65 acres Medium 0 acres High 29 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 64 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a L1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

---

FISH/WATERSHED

Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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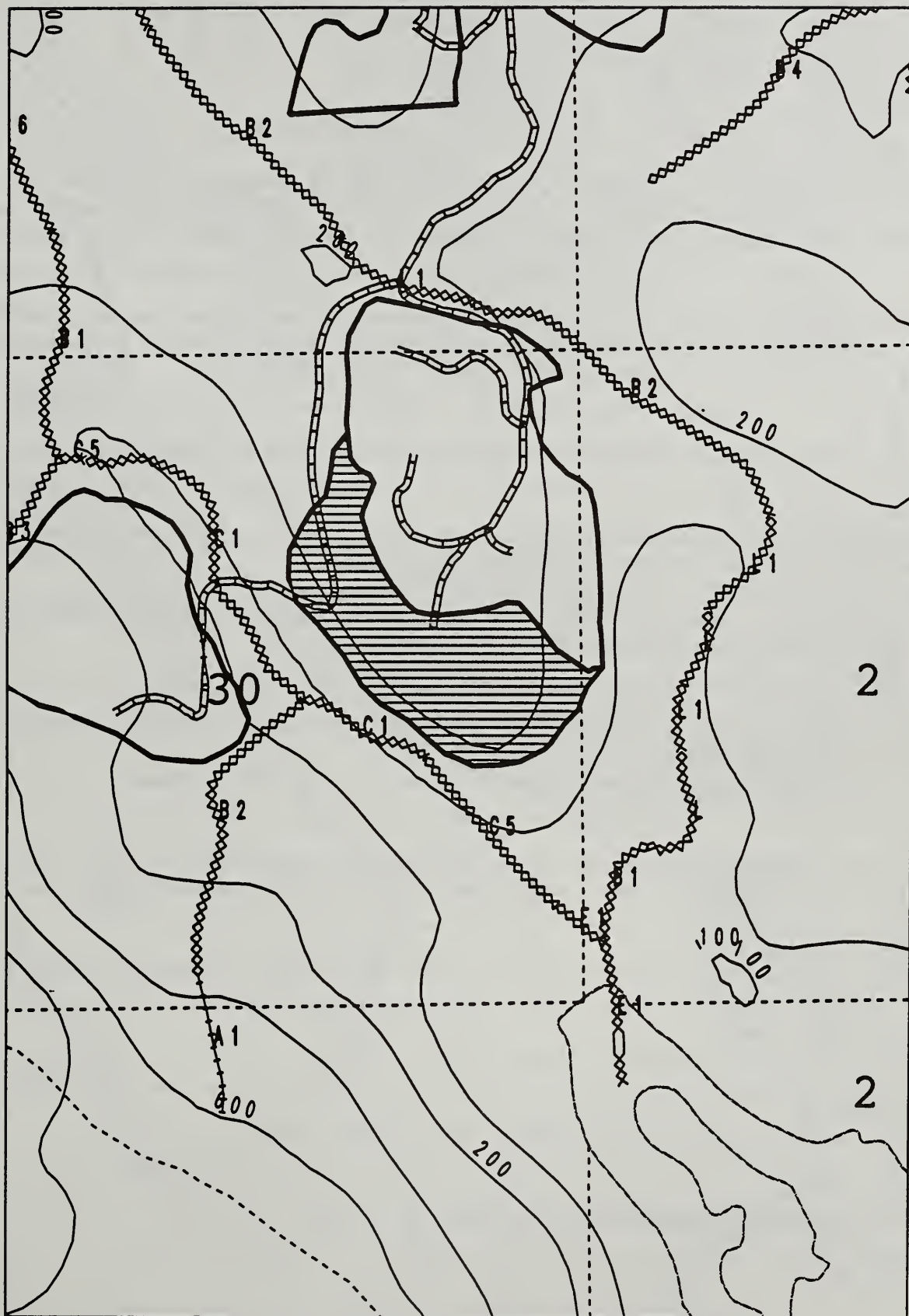
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 598-207 B



- |       |                              |
|-------|------------------------------|
| ----  | UNCLASS. STREAM WITHIN UNITS |
| ◇◇◇◇◇ | CLASS 1 STREAM               |
| ●●●●● | CLASS 2 STREAM               |
| ××××× | CLASS 3 STREAM               |
| ===== | EXISTING ROADS               |
| ----- | ALTERNATIVE ROAD             |
| ~~~~~ | CONTOUR LINE                 |
| ----  | SECTION LINE                 |



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ▨▨▨▨  | EAGLE NEST    |
| ▧▧▧▧  | PRIOR HARVEST |
| ▩▩▩▩  | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-207 B</u>	Alternatives considered <u>5</u>
Planned acres <u>58</u>	Quad <u>CRGC2SWN</u>
Estimated volume (mbf) <u>1965</u>	Mgmt Area <u>K10</u>
Logging system <u>Slackline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690135</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 2 acres VC5 35 acres VC6 15 acres VC7 4 acres  
Elevation breakdown: 0-800 ft. 59 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 39 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit contains 19 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.

---

ENGINEERING

Very difficult road construction due to unstable, oversteepened slopes or extended steep grades. If road can not be surveyed, may need to revise logging system to helicopter.  
High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a L1 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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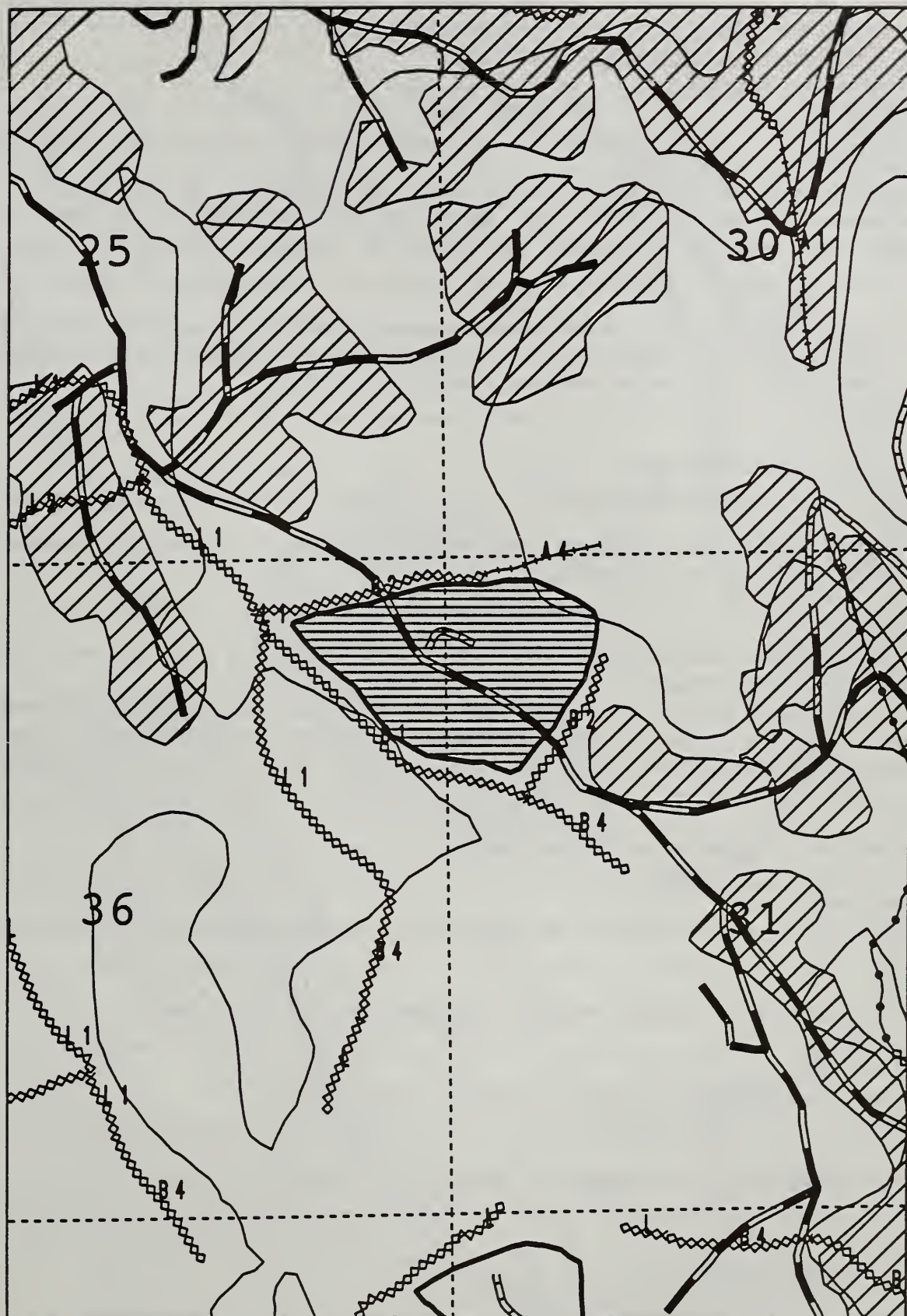
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 598-218



- — — — — UNCLASS. STREAM WITHIN UNITS
- ○ ○ ○ ○ CLASS 1 STREAM
- ● ● ● ● CLASS 2 STREAM
- + — + — CLASS 3 STREAM
- — — — — EXISTING ROADS
- + — + — ALTERNATIVE ROAD
- — — — — CONTOUR LINE
- - - - - SECTION LINE

NORTH



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-218</u>	Alternatives considered <u>2 4 5</u>
Planned acres <u>58</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1296</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u></u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 36 acres VC5 12 acres VC6 3 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 58 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 42 acres Medium 16 acres High 0 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 34 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potentially very low volume per acre.

---

ENGINEERING

The road into this unit crosses a B2 channel. Meet stream and lake protection prescription requirements in TLMP Draft Revision (1991a) for this process group.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
This unit is immediately adjacent to a B1 stream. No harvest within 100 feet and partial cut 100-200 feet of stream.  
Immediately adjacent to a L1 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

This unit adjacent to other ownership. Boundary establishment required prior to layout.

---

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

---

GEOLOGY

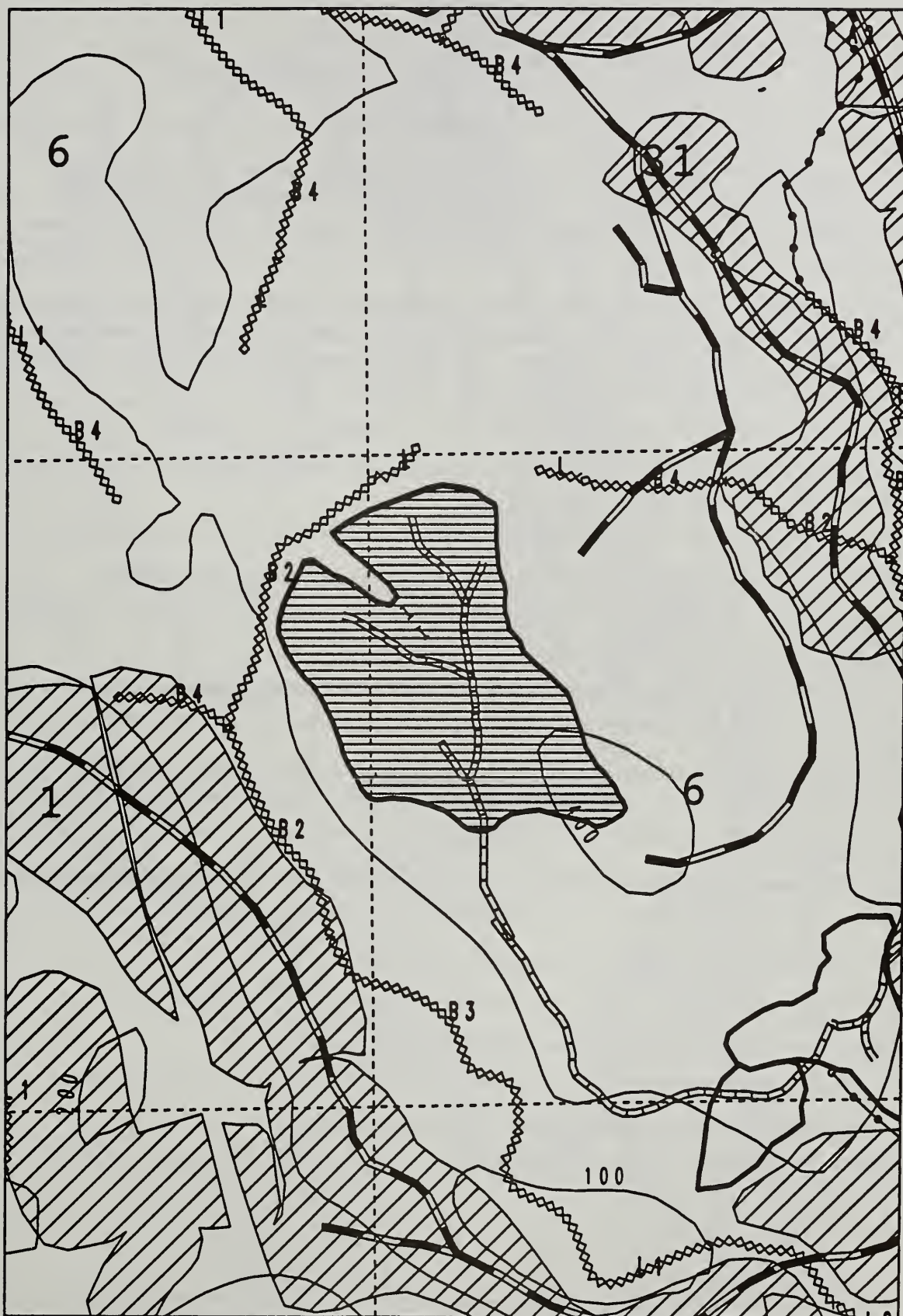
There are no geological mitigation measures anticipated for this unit.

---



SCALE 1:15840

# UNIT 598-220



- UNCLASS. STREAM WITHIN UNITS
- ..... CLASS 1 STREAM
- ..... CLASS 2 STREAM
- ..... CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-220</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>122</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>2429</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090076</u>
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 84 acres VC5 0 acres VC6 18 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 103 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 44 acres Medium 17 acres High 61 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilverly soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 18 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

---

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.  
Potentially very low volume per acre.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

This unit contains unclassified streams.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

Maintain diversity within unit by leaving 1-5 acre-sized islands of green trees at a rate of 1 acre of island for every 20 acres harvested. Leave islands must be compatible with logging system and safe working conditions.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

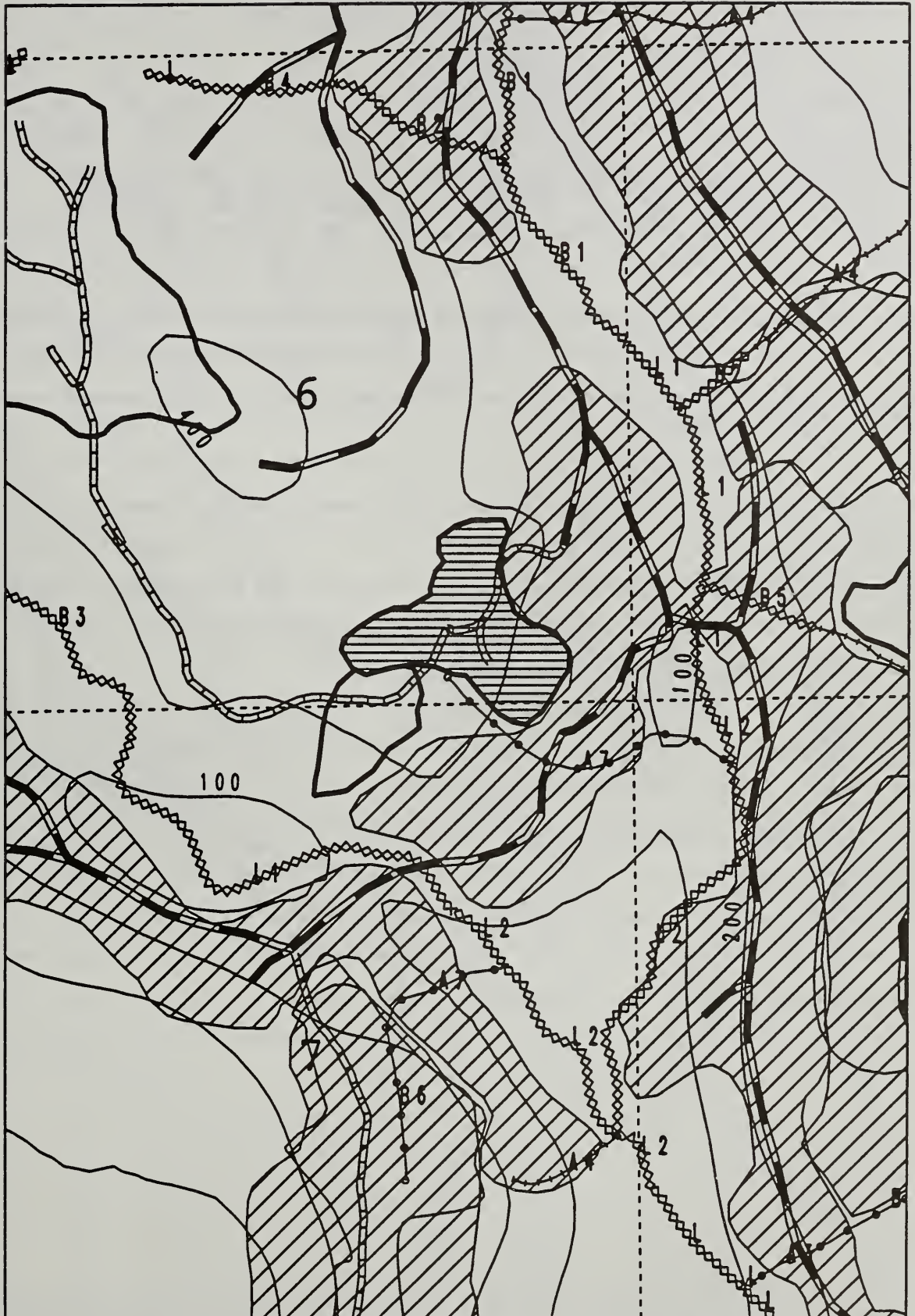
There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

# UNIT 598-222



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-222</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>32</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>950</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>North</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 22 acres VC6 6 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 32 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 12 acres Medium 0 acres High 20 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

---

TIMBER

Potential regeneration problem. Monitor regeneration to determine if hand planting is required to meet BMP13.19.  
Potentially very low volume per acre.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

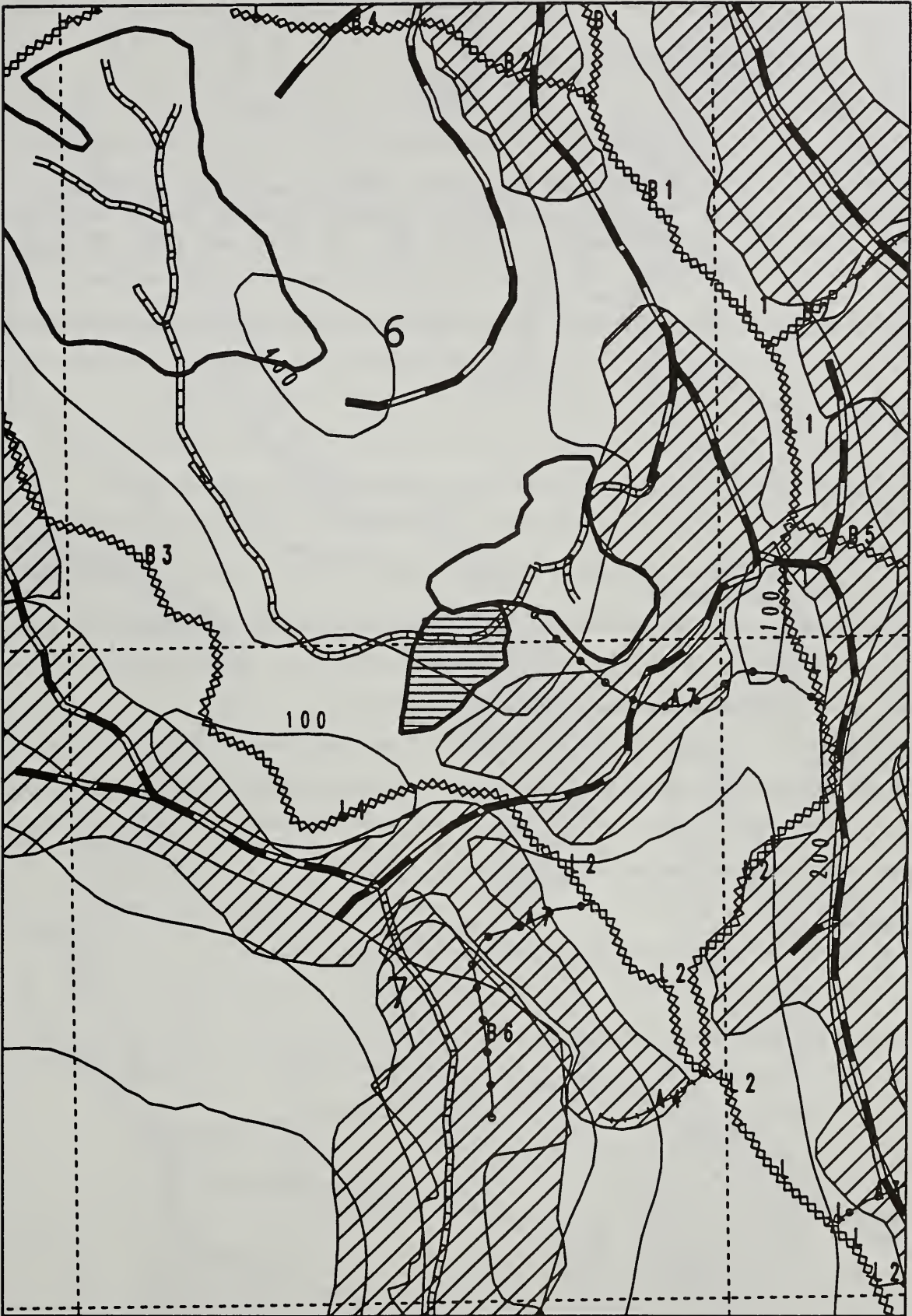
There are no geological mitigation measures anticipated for this unit.

---

SCALE 1:15840

UNIT 598-222

B



- |           |                              |
|-----------|------------------------------|
| ---       | UNCLASS. STREAM WITHIN UNITS |
| .....     | CLASS 1 STREAM               |
| .....     | CLASS 2 STREAM               |
| .....     | CLASS 3 STREAM               |
| ————      | EXISTING ROADS               |
| ———x———   | ALTERNATIVE ROAD             |
| ———       | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |



- |         |               |
|---------|---------------|
| ———     | UNIT          |
| ——x——   | EAGLE NEST    |
| ———x——— | PRIOR HARVEST |
| ——— ——— | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-222 B</u>	Alternatives considered <u>2 3 4</u>
Planned acres <u>13</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>399</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>1090075</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 11 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 13 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 0 acres Medium 0 acres High 13 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)

---

TIMBER

Potentially very low volume per acre.

---

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.  
Immediately adjacent to a A7 class 2 stream. No harvest within 100 feet and full suspension if yarding across.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

---

LANDS

There are no lands mitigation measures anticipated for this unit.

---

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

---

GEOLOGY

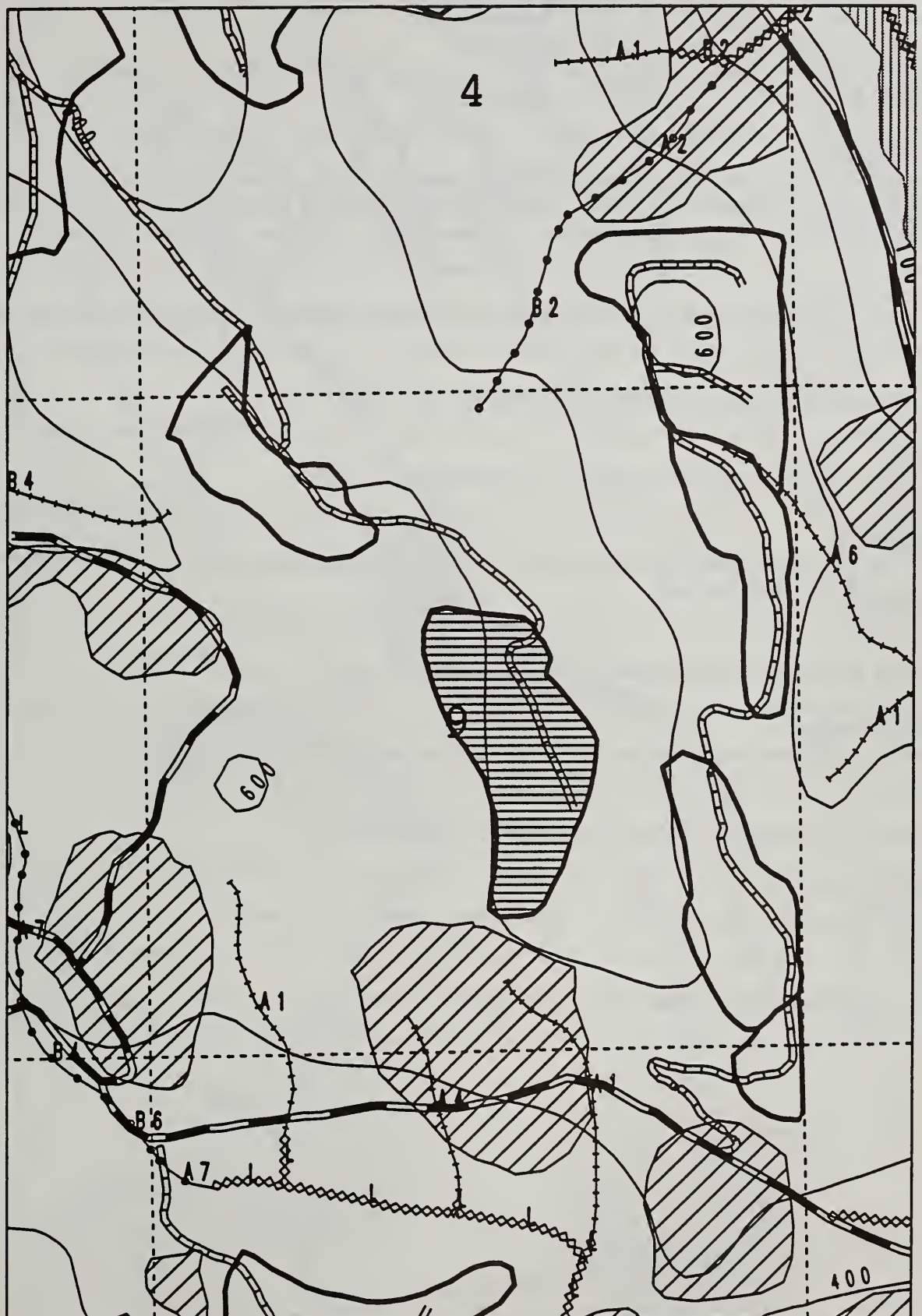
There are no geological mitigation measures anticipated for this unit.

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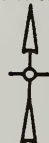
SCALE 1:15840

# UNIT 598-233



- |  |                              |
|--|------------------------------|
|  | UNCLASS. STREAM WITHIN UNITS |
|  | CLASS 1 STREAM               |
|  | CLASS 2 STREAM               |
|  | CLASS 3 STREAM               |
|  | EXISTING ROADS               |
|  | ALTERNATIVE ROAD             |
|  | CONTOUR LINE                 |
|  | SECTION LINE                 |

NORTH



- |  |               |
|--|---------------|
|  | UNIT          |
|  | EAGLE NEST    |
|  | PRIOR HARVEST |
|  | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-233</u>	Alternatives considered <u>2 3</u>
Planned acres <u>45</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1181</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo _____
Forest type <u>Hemlock</u>	Aspect <u>East</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 15 acres VC5 26 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 45 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 17 acres Medium 28 acres High 0 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit in accordance with AHMU Handbook.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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GEOLOGY

There are no geological mitigation measures anticipated for this unit.

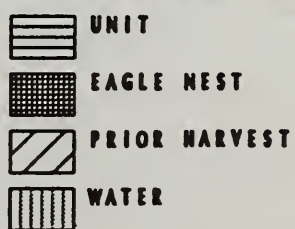
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SCALE 1:15840

# UNIT 598-235



UNCLASS. STREAM WITHIN UNITS  
 CLASS 1 STREAM  
 CLASS 2 STREAM  
 CLASS 3 STREAM  
 EXISTING ROADS  
 ALTERNATIVE ROAD  
 CONTOUR LINE  
 SECTION LINE



UNIT  
 EAGLE NEST  
 PRIOR HARVEST  
 WATER



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-235</u>	Alternatives considered <u>2 3</u>
Planned acres <u>26</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>569</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690139</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 26 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 19 acres Medium 0 acres High 7 acres Very High 0 acres

---

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

---

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

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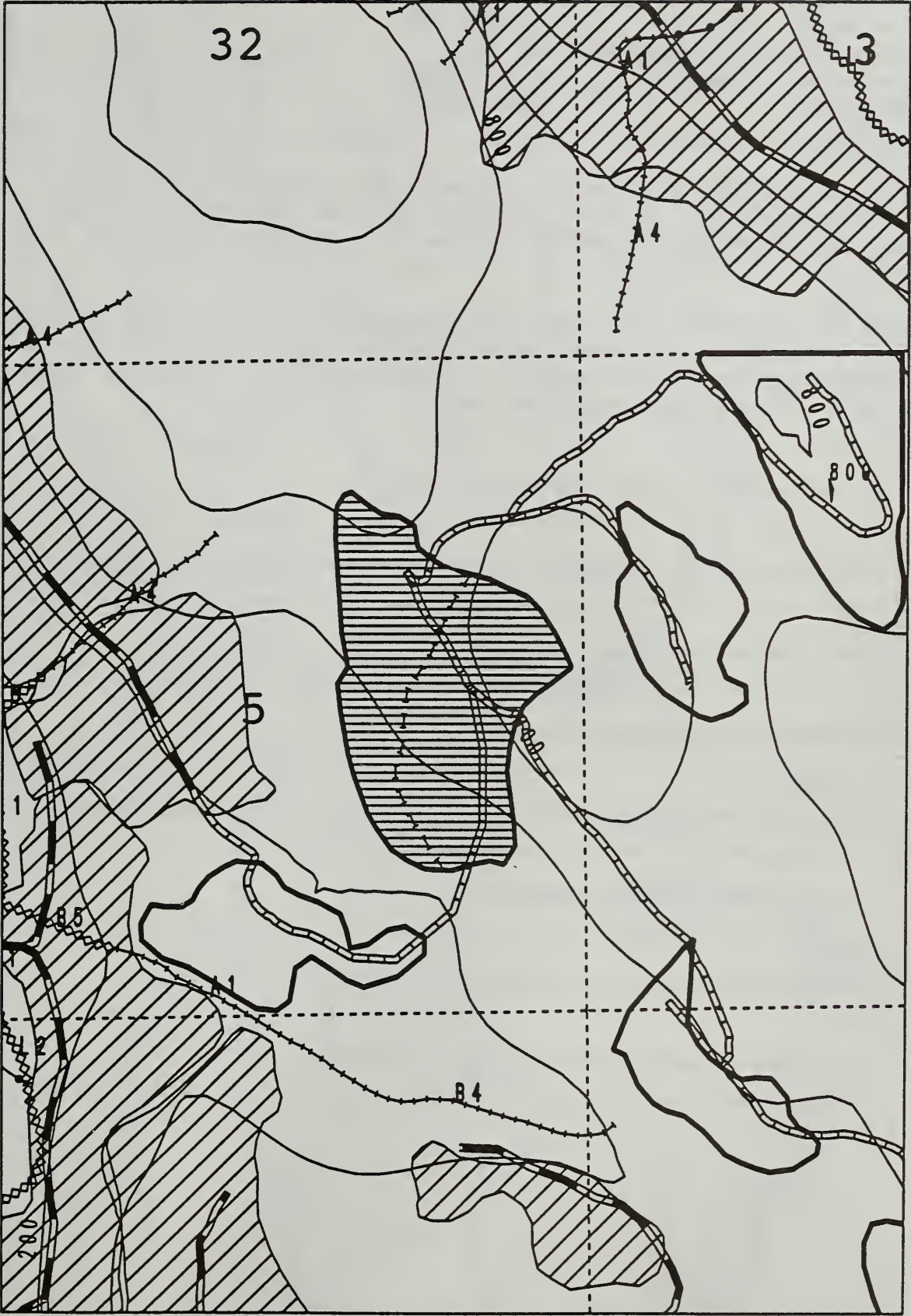
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 598-237



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-237</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>84</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1357</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill/downhill</u> WAA <u>1315</u>	Photo <u>690139</u>
Silvicultural system <u>Clearcut</u>	Aspect <u>South</u>
Forest type <u>Hemlock</u>	

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 62 acres VC5 0 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 84 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 61 acres Medium 0 acres High 23 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 11 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

This unit contains unclassified streams.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

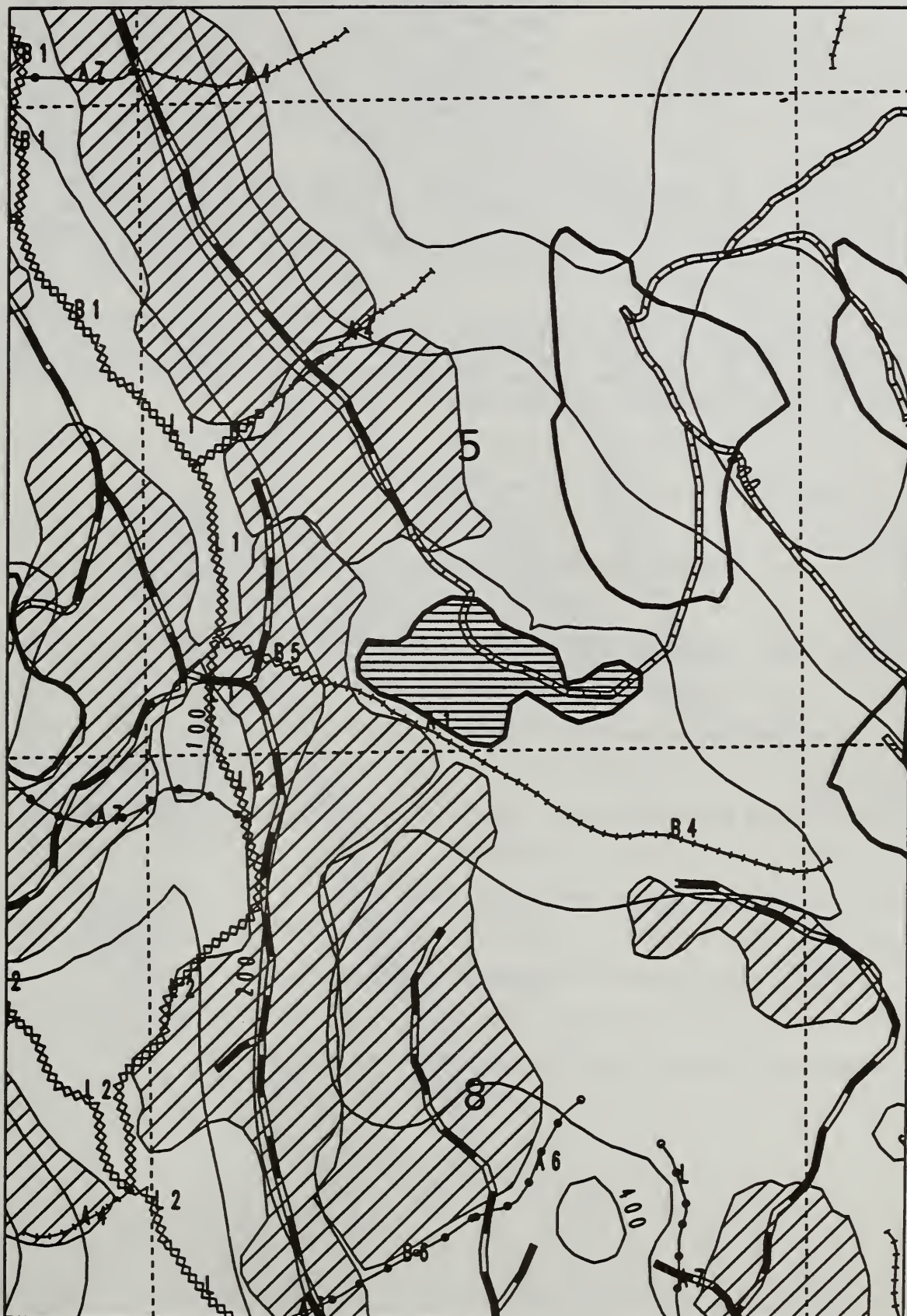
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 598-238



- |           |                              |
|-----------|------------------------------|
|           | UNCLASS. STREAM WITHIN UNITS |
| ○○○○○○    | CLASS 1 STREAM               |
| ●●●●●     | CLASS 2 STREAM               |
| —●—●—●—   | CLASS 3 STREAM               |
| ———       | EXISTING ROADS               |
| ———       | ALTERNATIVE ROAD             |
| ———       | CONTOUR LINE                 |
| - - - - - | SECTION LINE                 |

NORTH



- |     |               |
|-----|---------------|
|     | UNIT          |
| ■   | EAGLE NEST    |
| /// | PRIOR HARVEST |
| ——— | WATER         |

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-238</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>31</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>759</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690139</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 26 acres VC5 0 acres VC6 5 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 31 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 26 acres Medium 0 acres High 5 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).  
This unit contains 7 acres of forested wetlands. Site specific BMPs will be designed for selected approved logging system and road construction practices. (BMPs 12.5, 13.9, 13.15).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

FISH/WATERSHED

Immediately adjacent to a A1 class 3 stream. No specific buffer, but full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

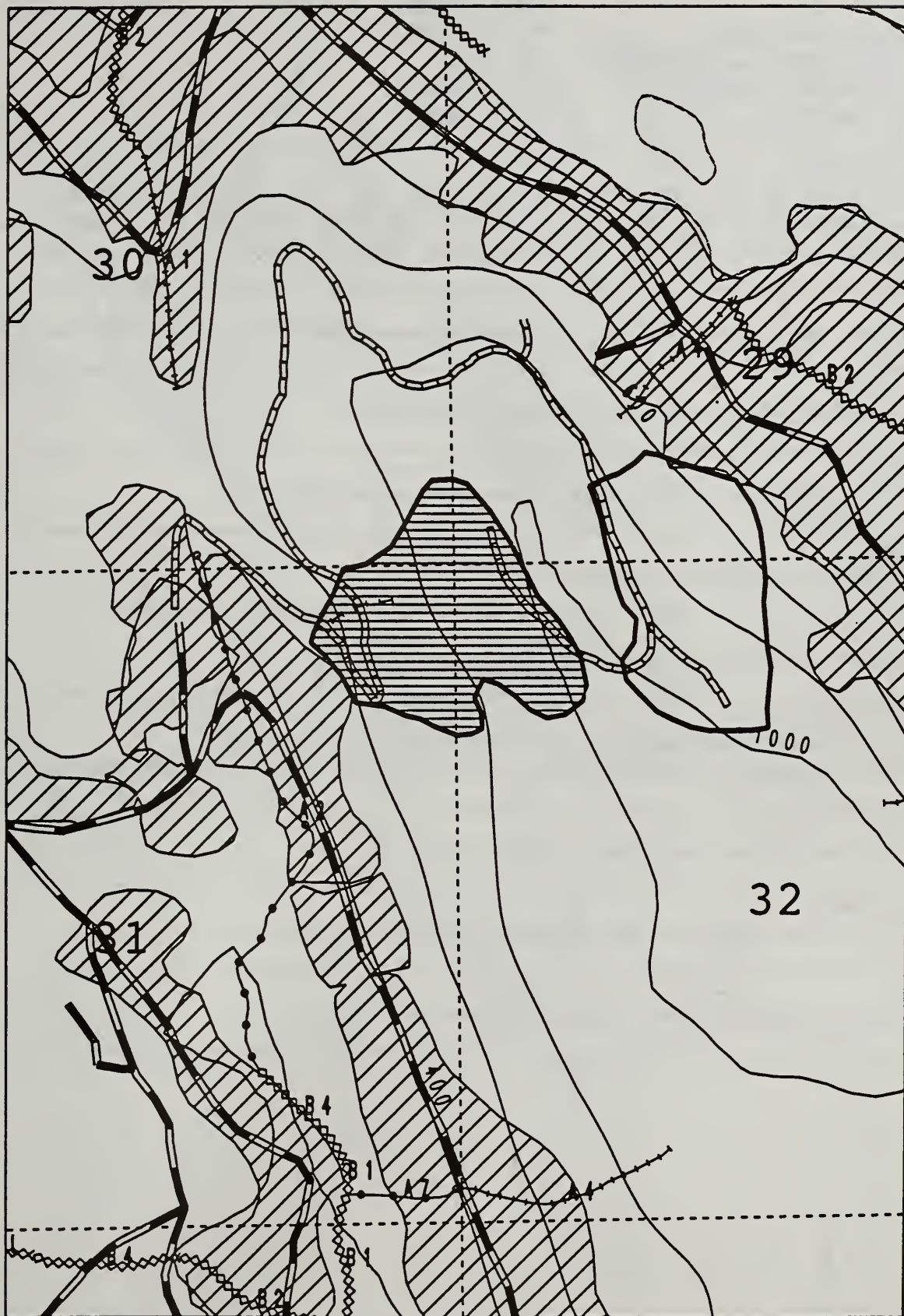
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

# UNIT 598-242



- |           |                             |
|-----------|-----------------------------|
|           | UNCLAS. STREAM WITHIN UNITS |
| ○○○○○     | CLASS 1 STREAM              |
| ●●●●●     | CLASS 2 STREAM              |
| +++++     | CLASS 3 STREAM              |
| =====     | EXISTING ROADS              |
| -----     | ALTERNATIVE ROAD            |
| ~~~~~     | CONTOUR LINE                |
| - - - - - | SECTION LINE                |

NORTH



- |       |               |
|-------|---------------|
| ===== | UNIT          |
| ===== | EAGLE NEST    |
| ===== | PRIOR HARVEST |
| ===== | WATER         |



UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-242</u>	Alternatives considered <u>2 3 5</u>
Planned acres <u>62</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>1389</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690141</u>
Forest type <u>Hemlock</u>	Aspect <u>West</u>

---

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 29 acres VC5 23 acres VC6 0 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 0 acres 800-1200 ft. 63 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 33 acres Medium 29 acres High 0 acres Very High 0 acres

---

SOILS

This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

---

TIMBER

There are no timber mitigation measures anticipated for this unit.

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ENGINEERING

There are no engineering mitigation measures anticipated for this unit.

---

FISH/WATERSHED

This unit contains unclassified streams.

---

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

---

RECREATION / VISUALS

This unit is within Honker Divide (Thorne River and Hatchery Creek drainages).

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

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LANDS

There are no lands mitigation measures anticipated for this unit.

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CULTURAL RESOURCES

There are no cultural resource mitigation measures anticipated for this unit.

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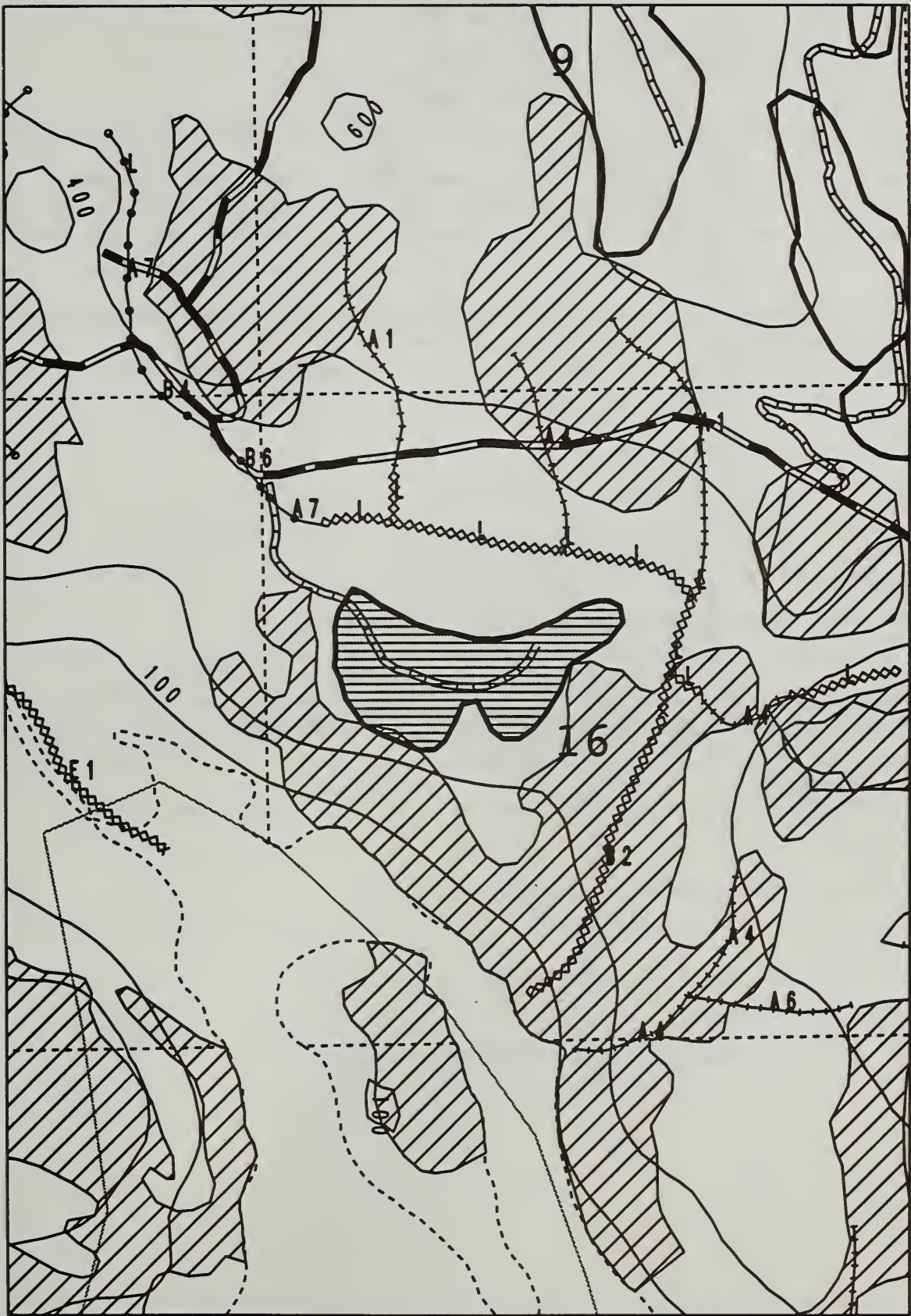
GEOLOGY

There are no geological mitigation measures anticipated for this unit.

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SCALE 1:15840

UNIT 598-245



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-245</u>	Alternatives considered <u>2 3 4 5</u>
Planned acres <u>38</u>	Quad <u>CRGC2NWS</u>
Estimated volume (mbf) <u>782</u>	Mgmt Area <u>K10</u>
Logging system <u>Highlead uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>290115</u>
Forest type <u>Hemlock</u>	Aspect <u>South</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 34 acres VC5 0 acres VC6 1 acres VC7 0 acres  
Elevation breakdown: 0-800 ft. 38 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 29 acres Medium 0 acres High 9 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has a slight possibility to be reclassified as MMI = 4.  
This unit has < 40% McGilvery soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

There are no timber mitigation measures anticipated for this unit.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).

FISH/WATERSHED

There are no fishery mitigation measures anticipated for this unit.

WILDLIFE

Maintain adequate distribution of snags by leaving 0.1 acre-sized patches of green trees within the unit for every 10 acres harvested. Snag patches must be compatible with logging system and safe working conditions.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

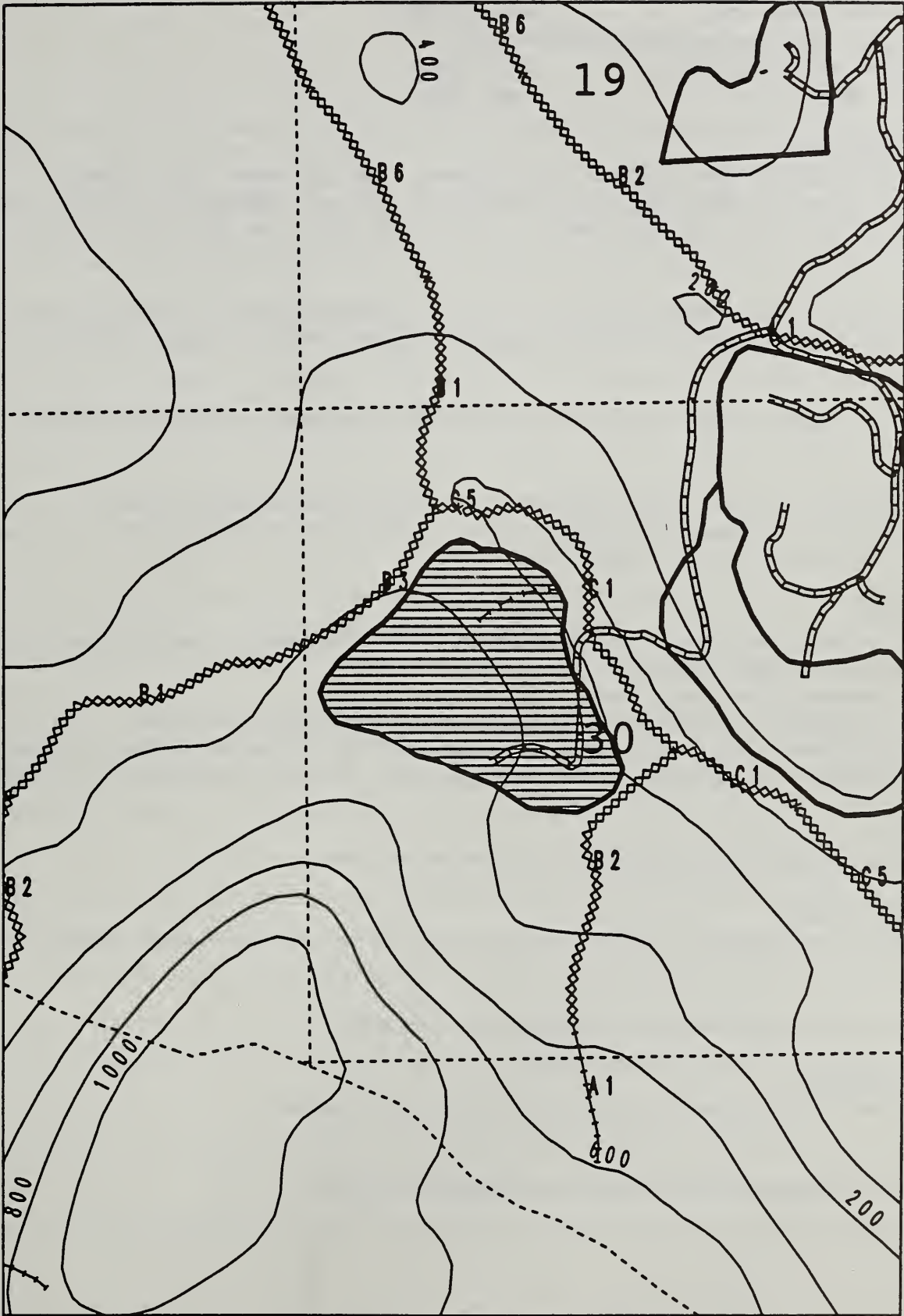
GEOLOGY

There are no geological mitigation measures anticipated for this unit.



SCALE 1:15840

UNIT 598-249



- UNCLASS. STREAM WITHIN UNITS
- CLASS 1 STREAM
- CLASS 2 STREAM
- CLASS 3 STREAM
- EXISTING ROADS
- ALTERNATIVE ROAD
- CONTOUR LINE
- SECTION LINE



- UNIT
- EAGLE NEST
- PRIOR HARVEST
- WATER

UNIT PLAN/LAYOUT/SALE ADMINISTRATION CARD FOR CPOW DEIS

Unit <u>598-249</u>	Alternatives considered <u>5</u>
Planned acres <u>72</u>	Quad <u>CRGC2SWN</u>
Estimated volume (mbf) <u>2593</u>	Mgmt Area <u>K10</u>
Logging system <u>Small skyline uphill/downhill</u>	WAA <u>1315</u>
Silvicultural system <u>Clearcut</u>	Photo <u>690078</u>
Forest type <u>Mixed conifer</u>	Aspect <u>East</u>

PHYSICAL DESCRIPTION

Volume class breakdown: VC4 0 acres VC5 16 acres VC6 49 acres VC7 4 acres  
Elevation breakdown: 0-800 ft. 72 acres 800-1200 ft. 0 acres 1200-1500 ft. 0 acres over 1500 ft. 0 acres  
Mass movement index: Low 24 acres Medium 0 acres High 48 acres Very High 0 acres

SOILS

This unit has high mass movement index soils. Partial log suspension required over these areas.(BMP13.9)  
This unit has < 40% McGilverly soils. Partial suspension required (BMP13.9) to ensure reforestation (BMP13.19).

TIMBER

Very difficult logging systems. May result in changed logging/road system and reduced harvest acres.

ENGINEERING

High mass movement index soils. Road construction must minimize landslide potential (BMP14).  
The road into this unit crosses a C1 channel. Meet stream and lake protection prescription requirements in TLMP  
Draft Revision (1991a) for this process group.

FISH/WATERSHED

Potential for additional Class I/II streams within unit. May be necessary to place additional buffers within unit  
in accordance with AHMU Handbook.  
This unit contains unclassified streams.  
This unit is immediately adjacent to a C1 stream. No harvest within 200 feet of stream.  
Immediately adjacent to a B2 class 1 stream. No harvest within 100 feet and full suspension if yarding across.  
Immediately adjacent to a B3 class 1 stream. No harvest within 100 feet and full suspension if yarding across.

WILDLIFE

There are no wildlife mitigation measures anticipated for this unit.

RECREATION / VISUALS

This unit has a proposed VQO of MM and is not seen from any of the sensitive viewsheds proposed for this project.

LANDS

There are no lands mitigation measures anticipated for this unit.

CULTURAL RESOURCES

This unit has a high potential to contain significant cultural resources.

GEOLOGY

There are no geological mitigation measures anticipated for this unit.









